Cryogenic Preamplifiers for Magnetic Resonance Imaging

Radiative MRI Coil Design Using Parasitic Scatterers: MRI Yagi

Latency and bit-error-rate evaluation for radio-over-ethernet in optical fiber front-haul networks
Sayadi, M., Rodríguez, S., Olmos, J. J. V. & Tafur Monroy, I. 1 Jan 2018 In : Optical Switching and Networking. 27, p. 88-92 Publication: Research - peer-review › Journal article – Annual report year: 2018

3D Hyperpolarized C-13 EPI with Calibrationless Parallel Imaging

A 380 V High Efficiency and High Power Density Switched-Capacitor Power Converter using Wide Band Gap Semiconductors

A comparative study of methods for automatic detection of rapid eye movement abnormal muscular activity in narcolepsy
Olesen, A. N., Cesari, M., Christensen, J. A. E., Sørensen, H. B. D., Mignot, E. & Jennum, P. 2018 In : Sleep Medicine. 29 p. Publication: Research - peer-review › Journal article – Annual report year: 2018

A comprehensive study of cryogenic cooled millimeter-wave frequency multipliers based on GaAs Schottky-barrier varactors

Active room compensation for sound reinforcement using sound field separation techniques

Adaptive parametric model order reduction technique for optimization of vibro-acoustic models: Application to hearing aid design
Creixell Mediante, E., Jensen, J. S., Naets, F., Brunskog, J. & Larsen, M. 2018 In : Journal of Sound and Vibration. 424, p. 208-223 Publication: Research - peer-review › Journal article – Annual report year: 2018

Adaptive Processes in Hearing
A Grid Synchronization PLL Method Based on Mixed Second- and Third-Order Generalized Integrator for DC-Offset Elimination and Frequency Adaptability

A High-Voltage Low-Power Switched-Capacitor DC-DC Converter Based on GaN and SiC Devices for LED Drivers

A Market Framework for Enabling Electric Vehicles Flexibility Procurement at the Distribution Level Considering Grid Constraints

Analytical Assessment of Voltage Support via Reactive Power from new Electric Vehicles Supply Equipment in Radial Distribution Grids with Voltage-Dependent Loads

An Asynchronous-Switched-Capacitor DC-DC Converter Based on GaN and SiC Devices
Fan, L., Knott, A. & Jørgensen, I. H. H. 2018

A New Method for Handling Lockout Constraints on Controlled TCL Aggregations

A Stochastic Market Design With Revenue Adequacy and Cost Recovery by Scenario: Benefits and Costs

Automatic, ECG-based detection of autonomic arousals and their association with cortical arousals, leg movements, and respiratory events in sleep

Automatic skull segmentation from MR images for realistic volume conductor models of the head: Assessment of the state-of-the-art

A Water Treatment Case Study for Quantifying Model Performance with Multilevel Flow Modelling

Balance control of grid currents for UPQC under unbalanced loads based on matching-ratio compensation algorithm
Benefits of spatiotemporal modeling for short-term wind power forecasting at both individual and aggregated levels
Lenzi, A., Steinsland, I. & Pinson, P. 2018 In : Environmetrics. 17 p., e2493
Publication: Research - peer-review › Journal article – Annual report year: 2018

Benefits of spatio-temporal modelling for short term wind power forecasting at both individual and aggregated levels
Publication: Research - peer-review › Journal article – Annual report year: 2018

Combined Hyperpolarized $^{13}$C-pyruvate MRS and $^{18}$F-FDG PET (HyperPET) Estimates of Glycolysis in Canine Cancer Patients
Publication: Research - peer-review › Journal article – Annual report year: 2018

Comprehensive Power Losses Model for Electronic Power Transformer
Publication: Research - peer-review › Journal article – Annual report year: 2018

Computational reduction techniques for numerical vibro-acoustic analysis of hearing aids
Creixell Mediante, E. 2018 Technical University of Denmark, Department of Electrical Engineering. 176 p.
Publication: Research › Ph.D. thesis – Annual report year: 2018

Condition monitoring of spar-type floating wind turbine drivetrain using statistical fault diagnosis
Publication: Research - peer-review › Journal article – Annual report year: 2018

Constrained Multi-Body Dynamics for Modular Underwater Robots — Theory and Experiments
Publication: Research - peer-review › Journal article – Annual report year: 2018

Contact parameter identification for vibrational response variability prediction
Publication: Research - peer-review › Journal article – Annual report year: 2018

Cooperative Rendezvous and Docking for Underwater Robots Using Model Predictive Control and Dual Decomposition
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Coordinated Pitch & Torque Control of Large-Scale Wind Turbine Based on Pareto Eciency Analysis
Publication: Research - peer-review › Journal article – Annual report year: 2018

Correlation-constrained and sparsity-controlled vector autoregressive model for spatio-temporal wind power forecasting
Publication: Research - peer-review › Journal article – Annual report year: 2018

Cortical oscillations and entrainment in speech processing during working memory load
Hjortkjær, J., Märcher-Rørsted, J., Fuglsang, S. A. & Dau, T. 2018 In : European Journal of Neuroscience. p. n/a-n/a
Publication: Research - peer-review › Journal article – Annual report year: 2018

Decoding the auditory brain with canonical component analysis
Detector design for active fault diagnosis in closed-loop systems

Discovery of intermediates of lacZ β-Galactosidase Catalyzed Hydrolysis Using dDNP NMR

Dynamic coronary MR angiography in a pig model with hyperpolarized water

Dynamic Power Tariff for Congestion Management in Distribution Networks
Huang, S., Wu, Q., Shahidehpour, M. & Liu, Z. 2018 In : IEEE Transactions on Smart Grid. 10 p., 1-10

Effect of process parameters on flow length and flash formation in injection moulding of high aspect ratio polymeric micro features

Effects of transcranial direct current stimulation for treating depression: A modeling study

Ellipsoidal prediction regions for multivariate uncertainty characterization

Energy Collectives: a Community and Fairness based Approach to Future Electricity Markets

Enhanced Voltage Control of VSC-HVDC Connected Offshore Wind Farms Based on Model Predictive Control

Evaluation of custom-designed lateral power transistors in a silicon-on-insulator process in a synchronous buck converter

Evaluation of Factorization Methods for Thévenin Equivalent Computations in Real-Time Stability Assessment
Fabrication of 3D Air-core MEMS Inductors for High Frequency Power Electronic Applications
Publication: Research - peer-review › Journal article – Annual report year: 2018

Fault Diagnosis for Satellite Sensors and Actuators using Nonlinear Geometric Approach and Adaptive Observers
Publication: Research - peer-review › Journal article – Annual report year: 2018

Fault Tolerant Position-mooring Control for Offshore Vessels
Publication: Research - peer-review › Journal article – Annual report year: 2018

Foreword to the Special Issue on the 43rd European Conference on Optical Communication (ECOC 2017)
Publication: Research - peer-review › Editorial – Annual report year: 2018

Fractal Characteristics Analysis of Blackouts in Interconnected Power Grid
Publication: Research - peer-review › Journal article – Annual report year: 2018

Fractional-Order Modeling and Sliding Mode Control of Energy-Saving and Emission-Reduction Dynamic Evolution System
Publication: Research - peer-review › Journal article – Annual report year: 2018

Frequency modulation excursion and rate discrimination in normal-hearing and hearing-impaired listeners
Schindwolf, I., Vatti, M. & Santurette, S. 2018
Publication: Research › Poster – Annual report year: 2018

Hardware-in-the-Loop Test for Automatic Voltage Regulator of Synchronous Condenser
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Hardware-In-the-loop Tests on Distance Protection Considering VSC Fault-ride-through Control Strategies
Jia, J., Yang, G., Nielsen, A. H. & Rønne-Hansen, P. 2018
Publication: Research - peer-review › Paper – Annual report year: 2018

H+ Current Damping Control of DFIG based Wind Farm for Sub-Synchronous Control Interaction Mitigation
Publication: Research - peer-review › Journal article – Annual report year: 2018

Identifying Plausible Harmful N-k Contingencies: A Practical Approach based on Dynamic Simulations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Increased variability of watershed areas in patients with high-grade carotid stenosis
Publication: Research - peer-review › Journal article – Annual report year: 2018
Increasing the field-of-view of row–column-addressed ultrasound transducers: implementation of a diverging compound lens
Engholm, M., Beers, C., Bouzari, H., Jensen, J. A. & Thomsen, E. V. 2018 In : Ultrasonics. 88, p. 97–105
Publication: Research - peer-review › Journal article – Annual report year: 2018

Infill Optimization for Additive Manufacturing - Approaching Bone-like Porous Structures
Publication: Research - peer-review › Journal article – Annual report year: 2017

Interactions Between Indirect DC-Voltage Estimation and Circulating Current Controllers of MMC-Based HVDC Transmission Systems
Publication: Research - peer-review › Journal article – Annual report year: 2018

Investigation on acceptable reverberation time at various frequency bands in halls that present amplified music
Publication: Research - peer-review › Journal article – Annual report year: 2018

Kinetic Analysis of Hexose Conversion to Methyl Lactate by Sn Beta: Effects of Substrate Masking and of Water
Publication: Research - peer-review › Journal article – Annual report year: 2018

Marine Diesel Engine Control to meet Emission Requirements and Maintain Maneuverability
Publication: Research - peer-review › Journal article – Annual report year: 2018

Microwave Technology for Brain Imaging and Monitoring: Physical Foundations, Potential and Limitations
Publication: Research - peer-review › Book chapter – Annual report year: 2018

Multilevel tracking power supply for switch-mode audio power amplifiers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Non-invasive Estimation of Pressure Changes using 2-D Vector Velocity Ultrasound: An Experimental Study with In-Vivo Examples
Publication: Research - peer-review › Journal article – Annual report year: 2018
Observability and Decision Support for Supervision of Distributed Power System Control
Pertl, M., Bindner, H. W., Marinelli, M. & Heussen, K. 2018 Technical University of Denmark, Department of Electrical Engineering. 216 p.
Publication: Research › Ph.D. thesis – Annual report year: 2018

On the joint distribution of excursion duration and amplitude of a narrow-band Gaussian process
Ghane, M., Gao, Z., Blanke, M. & Moan, T. 2018 In : IEEE Access. 6, p. 15236 - 15248
Publication: Research - peer-review › Journal article – Annual report year: 2018

Optimal control of a high-frequency class-D amplifier
Publication: Research - peer-review › Journal article – Annual report year: 2018

Optimization under uncertainty of a biomass-integrated renewable energy microgrid with energy storage
Publication: Research - peer-review › Journal article – Annual report year: 2018

Peer review i et obligatorisk bachelorkursus for civilingeniørstudenter i medikoteknik
Publication: Communication › Journal article – Annual report year: 2018

Probe development of CMUT and PZT row-column-addressed 2-D arrays
Publication: Research - peer-review › Journal article – Annual report year: 2018

Probing cardiac metabolism by hyperpolarized 13C MR using an exclusively endogenous substrate mixture and photo-induced nonpersistent radicals
Publication: Research - peer-review › Journal article – Annual report year: 2018

Quantifying undesired parallel components in Thévenin-equivalent acoustic source parameters
Publication: Research - peer-review › Journal article – Annual report year: 2018

Reconstructing Dynamic Promoter Activity Profiles from Reporter Gene Data
Publication: Research - peer-review › Journal article – Annual report year: 2018

Redefining Requirements of Ancillary Services for Technology Agnostic Sources
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Reliability Worth Analysis of Distribution Systems Using Cascade Correlation Neural Networks
Publication: Research - peer-review › Journal article – Annual report year: 2018

Resonant Full-Bridge Synchronous Rectifier Utilizing 15 V GaN Transistors for Wireless Power Transfer Applications Following AirFuel Standard Operating at 6.78 MHz
Response Accuracy and Tracking Errors with Decentralized Control of Commercial V2G Chargers

Review of FACTS technologies and applications for power quality in smart grids with renewable energy systems

Robust Allocation of Reserve Policies for a Multiple-Cell Based Power System
Hu, J., Lan, T., Heussen, K., Marinelli, M., Prostejovsky, A. M. & Lei, X. 2018 In : Energies. 11, 2, 15 p., 381

Robust speech dereverberation with a neural network-based post-filter that exploits multi-conditional training of binaural cues

Signal to noise comparison of metabolic Imaging methods on a clinical 3T MRI

Single-Phase Boost Inverter-Based Electric Vehicle Charger With Integrated Vehicle to Grid Reactive Power Compensation

Single-point reactive power control method on voltage rise mitigation in residential networks with high PV penetration

Smart grid communication infrastructure comparison-for distributed control of distributed energy resources using internet of things devices

Sparsity Prevention Pivoting Method for Linear Programming

Stable isotope-resolved analysis with quantitative dissolution dynamic nuclear polarization

Stratified spherical model for microwave imaging of the brain: Analysis and experimental validation of transmitted power
Bjelogrlic, M., Volery, M., Fuchs, B., Thiran, J-P., Mosig, J. R. & Mattes, M. 2018 In : Microwave and Optical Technology Letters. 60, 4, p. 1042-1048
Synchronous Condenser Allocation for Improving System Short Circuit Ratio
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Task-Modulated Cortical Representations of Natural Sound Source Categories
Publication: Research - peer-review › Journal article – Annual report year: 2018

Technical assessment of electric heat boosters in low-temperature district heating based on combined heat and power analysis
Publication: Research - peer-review › Journal article – Annual report year: 2018

The impact of exploiting spectro-temporal context in computational speech segregation
Publication: Research - peer-review › Journal article – Annual report year: 2018

The Role of Place Cues in Voluntary Stream Segregation for Cochlear Implant Users
Publication: Research - peer-review › Journal article – Annual report year: 2018

Two-Stage Load Shedding for Secondary Control in Hierarchical Operation of Islanded Microgrids
Publication: Research - peer-review › Journal article – Annual report year: 2018

Two-Stage Optimal Scheduling of Electric Vehicle Charging based on Transactive Control
Publication: Research - peer-review › Journal article – Annual report year: 2018

Validation of a Robust Neural Real-Time Voltage Estimator for Active Distribution Grids on Field Data
Publication: Research - peer-review › Journal article – Annual report year: 2018

Vector Flow Imaging Compared with Pulse Wave Doppler for Estimation of Peak Velocity in the Portal Vein
Publication: Research - peer-review › Journal article – Annual report year: 2018

How to target inter-regional phase synchronization with dual-site Transcranial Alternating Current Stimulation
Publication: Research - peer-review › Journal article – Annual report year: 2017

Ultra-wideband balanced schottky envelope detector for data communication with high bitrate to carrier frequency ratio
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Optimal pseudorandom sequence selection for online c-VEP based BCI control applications
Isaksen, J. L., Mohebbi, A. & Putthusserypady, S. 1 Sep 2017 In : PLoS ONE. 12, 9, 13 p., e0184785
Publication: Research - peer-review › Journal article – Annual report year: 2017
A set of robotic building elements
Christensen, D. J. & Pacheco, M. 31 Aug 2017
Publication: Research › Patent – Annual report year: 2017

Resonant power converter with dead-time control of synchronous rectification circuit
Ekhtiari, M., Zsurzsan, T-G. & Andersen, M. A. E. 20 Jul 2017
Publication: Research › Patent – Annual report year: 2017

Biostable glucose permeable polymer
Publication: Research › Patent – Annual report year: 2017

Condition monitoring of a rotor arrangement in particular a wind turbine
Niemann, H. H., Poulsen, N. K., Mirzaei, M. & Henriksen, L. C. 8 Jun 2017
Publication: Research › Patent – Annual report year: 2017

Resonant power converter comprising adaptive dead-time control.
Andersen, T., Zsurzsan, T-G. & Ekhtiari, M. 5 Jan 2017
Publication: Research › Patent – Annual report year: 2017

3-D Imaging using Row–Column-Addressed 2-D Arrays with a Diverging Lens: Phantom Study
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

3D MEMS Air-core Inductor in a Very High Frequency Switched-Mode Power Converter
Lê Thanh, H., Nour, Y., Ouyang, Z., Knott, A., Jensen, F. & Han, A. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

3D Printing of Bio-inspired surfaces
Méndez Ribó, M. & Islam, A. 2017
Publication: Research - peer-review › Poster – Annual report year: 2017

3D thermal simulations and modeling of multi-finger InP DHBTs for millimeter-wave power amplifiers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

75 GHz InP DHBT power amplifier based on two-stacked transistors
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

A Bayesian inference approach to unveil supply curves in electricity markets
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Bilevel Model for Participation of a Storage System in Energy and Reserve Markets
Publication: Research - peer-review › Journal article – Annual report year: 2017

Accuracy and Precision of Plane Wave Vector Flow Imaging for Laminar and Complex Flow In Vivo
Accuracy of averaged auditory brainstem response amplitude and latency estimates
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Combination of Machine Learning and Cerebellar-like Neural Networks for the Motor Control and Motor Learning of the Fable Modular Robot
Baira Ojeda, I., Tolu, S., Pacheco, M., Christensen, D. J. & Lund, H. H. 2017 In : Journal of Robotics Networks and Artificial Life. 4, 1, p. 62–66
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Combination of Machine Learning and Cerebellar Models for the Motor Control and Learning of a Modular Robot
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

A combined constraint handling framework: an empirical study
Si, C., Hu, J., Lan, T., Wang, L. & Wu, Q. 2017 In : Memetic Computing. 9, 1, p. 69-88
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Combined Reliability Model of VSC-HVDC Connected Offshore Wind Farms Considering Wind Speed Correlation
Guo, Y., Gao, H. & Wu, Q. 2017 In : I E E E Transactions on Sustainable Energy. 8, 4, 10 p., 7912299
Publication: Research - peer-review › Journal article – Annual report year: 2017

A comprehensive gaze stabilization controller based on cerebellar internal models
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Continuous-Time Delta-Sigma ADC for Portable Ultrasound Scanners
Publication: Research - peer-review › Journal article – Annual report year: 2017

Active and reactive power support of MV distribution systems using battery energy storage
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Active Distribution Grid Management based on Robust AC Optimal Power Flow
Publication: Research - peer-review › Journal article – Annual report year: 2017

Active integration of electric vehicles in the distribution network - theory, modelling and practice
Knezevic, K., Træholt, C., Marinelli, M. & Andersen, P. B. 2017 Technical University of Denmark, Department of Electrical Engineering. 228 p.
Publication: Research › Ph.D. thesis – Annual report year: 2017

Acute dosing of vortioxetine strengthens event-related brain activity associated with engagement of attention and cognitive functioning in rats
Publication: Research - peer-review › Journal article – Annual report year: 2017
Adapted wavelet transform improves time-frequency representations: a study of auditory elicited P300-like event-related potentials in rats.
Publication: Research - peer-review › Journal article – Annual report year: 2017

Adaptive feedforward control of exhaust recirculation in large diesel engines
Publication: Research - peer-review › Journal article – Annual report year: 2017

Adaptive heart rate-based epileptic seizure detection using real-time user feedback
Publication: Research - peer-review › Journal article – Annual report year: 2018

Adaptive Observer for Nonlinearly Parameterised Hammerstein System with Sensor Delay – Applied to Ship Emissions Reduction
Publication: Research - peer-review › Journal article – Annual report year: 2017

Addressing the Conflict of Interest between Aggregators and DSOs in Deregulated Energy Markets
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

A Decision Support Tool for Transient Stability Preventive Control
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Design Method for Mode-Selective Waveguide Couplers in Dual-Polarized Wideband Matched-Feed Antennas
Publication: Research - peer-review › Journal article – Annual report year: 2018

Advanced 3-D Ultrasound Imaging: 3-D Synthetic Aperture Imaging using Fully Addressed and Row-Column Addressed 2-D Transducer Arrays.
Publication: Research › Ph.D. thesis – Annual report year: 2017

A Full-Size High-Temperature Superconducting Coil Employed in a Wind Turbine Generator Setup
Publication: Research - peer-review › Journal article – Annual report year: 2017

Aggregation of Single-phase Electric Vehicles for Frequency Control Provision Based on Unidirectional Charging
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

A high-speed Schottky detector for ultra-wideband communications
Publication: Research - peer-review › Journal article – Annual report year: 2016
Allocation of synchronous condensers for restoration of system short-circuit power
Publication: Research - peer-review › Journal article – Annual report year: 2017

A local energy market for electricity and hydrogen
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Measure Based on Beamforming Power for Evaluation of Sound Field Reproduction Performance
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Meteorological Information Mining-Based Wind Speed Model for Adequacy Assessment of Power Systems With Wind Power
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Methodology for Anatomic Ultrasound Image Diagnostic Quality Assessment
Publication: Research - peer-review › Journal article – Annual report year: 2016

A method to investigate the biomechanical alterations in Perthes' disease by hip joint contact modeling
Publication: Research - peer-review › Journal article – Annual report year: 2017

A microwave window for K band electromagnetic systems
Rybalko, O. 2017 In : Microwave and Optical Technology Letters. 59, 4, p. 834-7
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Model of Electrically Stimulated Auditory Nerve Fiber Responses with Peripheral and Central Sites of Spike Generation
Publication: Research - peer-review › Journal article – Annual report year: 2017

An Acoustic Hypersingular Boundary Element Formulation Including Viscous and Thermal Losses
Andersen, P. R., Cutanda Henriquez, V., Aage, N. & Marburg, S. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

An adaptive, data driven sound field control strategy for outdoor concerts
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Analysis and Modeling of Integrated Magnetics for LLC resonant Converters
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Analysis and optimisation of coupled winding in magnetic resonant wireless power transfer systems with orthogonal experiment results
Publication: Research - peer-review › Conference article – Annual report year: 2017
Analysis and optimization of coupled windings in magnetic resonant wireless power transfer systems with orthogonal experiment method
Publication: Research - peer-review › Journal article – Annual report year: 2017

Analysis, Design, Modeling, and Control of an Interleaved-Boost Full-Bridge Three-Port Converter for Hybrid Renewable Energy Systems
Publication: Research - peer-review › Journal article – Annual report year: 2016

Analytical Comparison of Dual-Input Isolated dc-dc Converter with an ac or dc Inductor for Renewable Energy Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

A narrow line UV-induced non-persistent radical in view of generating highly polarized transportable glucose solid samples
Publication: Research › Conference abstract for conference – Annual report year: 2018

An evolving experience learned for modelling thermal dynamics of buildings from live experiments: the Flexhouse story:
Publication: Research - peer-review › Conference article – Annual report year: 2017

A New Wavelet-Based ECG Delineator for the Evaluation of the Ventricular Innervation
Publication: Research - peer-review › Journal article – Annual report year: 2017

An experimental and computational investigation of high-accuracy calibration techniques for gain reference antennas
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

An experimentally validated simulation model for a four-stage spray dryer
Publication: Research - peer-review › Journal article – Annual report year: 2017

An Improved On-line Contingency Screening for Power System Transient Stability Assessment
Publication: Research - peer-review › Journal article – Annual report year: 2017

An improved partially interleaved transformer structure for high-voltage high-frequency multiple-output applications
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

An Integrated Research Infrastructure for Validating Cyber-Physical Energy Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017
An introduction to Deep learning on biological sequence data - Examples and solutions
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Nonlinear Transmission Line Model of the Cochlea With Temporal Integration Accounts for Duration Effects in Threshold Fine Structure
Publication: Research - peer-review › Journal article – Annual report year: 2017

An optical flow-based state-space model of the vocal folds
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Novel Magnetic Resonance Imaging (MRI) Approach for Measuring Weak Electric Currents Inside the Human Brain
Göksu, C., Thielescher, A. & Hanson, L. G. 2017 Technical University of Denmark, Department of Electrical Engineering. 138 p.
Publication: Research › Ph.D. thesis – Annual report year: 2018

Antioxidant treatment attenuates lactate production in diabetic nephropathy
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Numerical Approach for Hybrid Simulation of Power System Dynamics Considering Extreme Icing Events
Publication: Research - peer-review › Journal article – Annual report year: 2017

An X-band Schottky diode mixer in SiGe technology with tunable Marchand balun
Publication: Research - peer-review › Journal article – Annual report year: 2016

Aortic Valve Stenosis Increases Helical Flow and Flow Complexity: A Study of Intra-operative Cardiac Vector Flow Imaging
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Personalized Rolling Optimal Charging Schedule for Plug-In Hybrid Electric Vehicle Based on Statistical Energy Demand Analysis and Heuristic Algorithm
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Pole Pair Segment of a 2-MW High-Temperature Superconducting Wind Turbine Generator
Publication: Research - peer-review › Journal article – Annual report year: 2017

Application of visual servoing for grasping and placing operation in slaughterhouse
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017
A Review of Cyber-Physical Energy System Security Assessment
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

A review of Danish integrated multi-energy system flexibility options for high wind power penetration
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Review on Grid-connected Converter Control for Short Circuit Power Provision under Grid Unbalanced Faults
Publication: Research - peer-review › Journal article – Annual report year: 2018

A Scalable Neuro-inspired Robot Controller Integrating a Machine Learning Algorithm and a Spiking Cerebellar-like Network
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

A sparse equivalent source method for near-field acoustic holography
Publication: Research - peer-review › Journal article – Annual report year: 2017

Assessing the efficacy of hearing-aid amplification using a phoneme test
Publication: Research - peer-review › Journal article – Annual report year: 2017

Assessing the Energy Content of System Frequency and Electric Vehicle Charging Efficiency for Ancillary Service Provision
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Assessing the need for better forecasting and observability of pv.
Publication: Research - peer-review › Report – Annual report year: 2017

Assessment of broadband SNR estimation for hearing aid applications
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Assessment of perceptual diffuseness in the time domain
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

A Statistical Method for Aggregated Wind Power Plants to Provide Secondary Frequency Control
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

A total generalized variation approach for near-field acoustic holography
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2017
Attribution mechanisms for ancillary service costs induced by variability in power delivery
Publication: Research - peer-review › Journal article – Annual report year: 2016

Auditory brainstem response latency in forward masking, a marker of sensory deficits in listeners with normal hearing thresholds
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Unified Trading Model Based on Robust Optimization for Day-Ahead and Real-Time Markets with Wind Power Integration
Publication: Research - peer-review › Journal article – Annual report year: 2017

Auralisations with loudspeaker arrays from a phased combination of the image source method and acoustical radiosity
Marbjerg, G. H. 2017 In : Journal of the Acoustical Society of America. 141, 3783
Publication: Research - peer-review › Journal article – Annual report year: 2017

Auralizations with loudspeaker arrays from a phased combination of the image source method and acoustical radiosity
Publication: Research - peer-review › Journal article – Annual report year: 2017

Automatic Atrial Fibrillation Detection: A Novel Approach Using Discrete Wavelet Transform and Heart Rate Variability
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Automatic minimization of ocular artifacts from electroencephalogram: A novel approach by combining Complete EEMD with Adaptive Noise and Renyi's Entropy
Guarascio, M. & Puthusserypady, S. 2017 In : Biomedical Signal Processing and Control. 36, p. 63–75
Publication: Research - peer-review › Journal article – Annual report year: 2017

Automatic Segmentation of Vessels in In-Vivo Ultrasound Scans
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Available Resources for Reconfigurable Systems in 5G Networks
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

A Vector Flow Imaging Method for Portable Ultrasound Using Synthetic Aperture Sequential Beamforming
Publication: Research - peer-review › Journal article – Annual report year: 2017

Publication: Research - peer-review › Journal article – Annual report year: 2017
Backlash Estimation for Industrial Drive-Train Systems  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Bayesian inference of the flow resistivity of a sound absorber and the room's influence on the Sabine absorption coefficients  
Publication: Research - peer-review › Journal article – Annual report year: 2017

BCB polymer based row-column addressed CMUT  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Benchmarking five computational methods for analyzing large photonic crystal membrane cavities  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Biological features produced by additive manufacturing processes using vat photopolymerization method  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Bloch simulation and MR fundamentals visualized  
Hanson, L. G. 2017  
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Boundary Element Method with Viscous and Thermal Losses: A Calibration Microphone Test Case  
Cutanda Henriquez, V., Barrera Figueroa, S. & Andersen, P. R. 2017  
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Breathing disturbances without hypoxia are associated with objective sleepiness in sleep apnea  
Publication: Research - peer-review › Journal article – Annual report year: 2017

Capacitor Voltages Measurement and Balancing in Flying Capacitor Multilevel Converters Utilizing a Single Voltage Sensor  
Publication: Research - peer-review › Journal article – Annual report year: 2017

Cascaded Amplitude Modulations in Sound Texture Perception  
McWalter, R. I. & Dau, T. 2017 In : Frontiers in Neuroscience. 11, 12 p., 485  
Publication: Research - peer-review › Journal article – Annual report year: 2017

Centre-surround organization of fast sensorimotor integration in human motor hand area  
Publication: Research - peer-review › Journal article – Annual report year: 2017
Comparison between AGC and a tuningless LFC approach based on direct observation of DERs
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Comparison between Synthetic Inertia and Fast Frequency Containment Control Based on Single Phase EVs in a Microgrid
Publication: Research - peer-review › Journal article – Annual report year: 2017

Comparison of Five Computational Methods for Computing Q Factors in Photonic Crystal Membrane Cavities
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Comparison of Five Numerical Methods for Computing Quality Factors and Resonance Wavelengths in Photonic Crystal Membrane Cavities
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Comparison of objective and subjective measures of cochlear compression in normal-hearing and hearing-impaired listeners
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Comparison of three control strategies for optimization of spray dryer operation
Publication: Research - peer-review › Journal article – Annual report year: 2017

Comparison of zero-sequence injection methods in cascaded H-bridge multilevel converters for large-scale photovoltaic integration
Publication: Research - peer-review › Journal article – Annual report year: 2017

Compensating for evanescent modes and estimating characteristic impedance in waveguide acoustic impedance measurements
Publication: Research - peer-review › Journal article – Annual report year: 2017

Computing the resonance wavelength and Q of PhC resonators and plasmonic nanoparticles with the surface integral equation method
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Congestion management of electric distribution networks through market based methods
Huang, S., Wu, Q. & Nielsen, A. H. 2017 Technical University of Denmark, Department of Electrical Engineering. 188 p.
Publication: Research › Ph.D. thesis – Annual report year: 2017

Construction of Lightweight Loudspeaker Enclosures
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017
Contribution of low- and high-frequency bands to binaural unmasking in hearing-impaired listeners
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Controllability and stability of primary frequency control from thermostatic loads with delays
Publication: Research - peer-review › Journal article – Annual report year: 2017

Control of exceptional points in photonic crystal slabs
Publication: Research - peer-review › Journal article – Annual report year: 2017

Control of the rings of exceptional points in photonic crystal slabs
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Convex Relaxations of Chance Constrained AC Optimal Power Flow
Publication: Research - peer-review › Journal article – Annual report year: 2017

Coordinated Control Strategies for Offshore Wind Farm Integration via VSC-HVDC for System Frequency Support
Publication: Research - peer-review › Journal article – Annual report year: 2017

Coordinated Voltage Control Scheme for VSC-HVDC Connected Wind Power Plants
Publication: Research - peer-review › Journal article – Annual report year: 2018

Coordinating Flexibility under Uncertainty in Multi-Area AC and DC Grids
Publication: Research - peer-review › Journal article – Annual report year: 2017

Coplanar transitions based on aluminum nitride interposer substrate for terabit transceivers
Publication: Research - peer-review › Journal article – Annual report year: 2017

Corrections to "Lower Bounds on Q for Finite Size Antennas of Arbitrary Shape"
Publication: Research - peer-review › Journal article – Annual report year: 2017

Correlations of current parameters with flash density from winter thunderstorms in Japan
Publication: Research - peer-review › Journal article – Annual report year: 2017

Co-simulation with DiGSIILENT PowerFactory and Matlab: Optimal integration of plug-in electric vehicles in distribution networks
dDNP as an emerging real time analytical method for catalytic reactions
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Decentralised control method for DC microgrids with improved current sharing accuracy
Publication: Research - peer-review › Journal article – Annual report year: 2017

Decision support program for congestion management using demand side flexibility
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Delta-Connected Cascaded H-Bridge Multilevel Converters for Large-Scale Photovoltaic Grid Integration
Publication: Research - peer-review › Journal article – Annual report year: 2017

Demand response evaluation and forecasting â€“ Methods and results from the EcoGrid EU experiment
Publication: Research - peer-review › Journal article – Annual report year: 2017

Demonstration of visualization techniques for the control room engineer in 2030.: ELECTRA Deliverable D8.1. WP8: Future Control Room Functionality
Publication: Research - peer-review › Report – Annual report year: 2017

Description and Results: Antenna Measurement Facility Comparisons [Measurements Corner]
Publication: Research - peer-review › Journal article – Annual report year: 2017

Description of the detailed Functional Architecture of the Frequency and Voltage control solution (functional and information layer)
Publication: Research - peer-review › Report – Annual report year: 2017

Designing a Tool System for Lowering Friction during the Ejection of In-Die Sintered Micro Gears
Cannella, E., Nielsen, E. K. & Stolfi, A. 2017 In : Micromachines. 8, 7, 15 p., 214
Publication: Research - peer-review › Journal article – Annual report year: 2017

Design of Passive Acoustic Wave Shaping Devices and Their Experimental Validation
Christiansen, R. E., Sigmund, O. & Fernandez Grande, E. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Design of planar ultra-wideband four-way power divider/combiner using defected ground structures
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Detecting Elusive Intermediates in Carbohydrate Conversion: A Dynamic Ensemble of Acyclic Glucose-Catalyst Complexes
Meier, S., Karlsson, M. & Jensen, P. R. 2017 In : ACS Sustainable Chemistry & Engineering. 5, 6, p. 5571-5577
Detecting Topological Errors with Pre-Estimation Filtering of Bad Data in Wide-Area Measurements

Detection of Paroxysms in Long-Term, Single Channel EEG-Monitoring of Patients with Typical Absence Seizures.

Detection of User Independent Single Trial ERPs in Brain Computer Interfaces: An Adaptive Spatial Filtering Approach

Diagnostic monitoring of drivetrain in a 5 MW spar-type floating wind turbine using Hilbert spectral analysis

Diagnostic value of sleep stage dissociation as visualized on a 2-dimensional sleep state space in human narcolepsy

Direct electroplating of plastic for advanced electrical applications

Directional Transverse Oscillation Vector Flow Estimation

Direct Reuse of Rare Earth Permanent Magnets—Coating Integrity

Discharge characteristics in inhomogeneous fields under air flow

Distance relay performance in future converter dominated power systems

Distributed Optimization based Dynamic Tariff for Congestion Management in Distribution Networks

Distribution Locational Marginal Pricing for Optimal Electric Vehicle Charging through Chance Constrained Mixed-Integer Programming
Disturbance Attenuation of DC Voltage Droop Control Structures in a Multi-Terminal HVDC Grid
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

D-NA5.1 Smart Grid configuration validation scenario description method
Publication: Research - peer-review › Report – Annual report year: 2017

DNP NMR of carbohydrate converting enzymes
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Door and cabinet recognition using convolutional neural nets and real-time method fusion for handle detection and grasping
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Dynamic pricing for demand response considering market price uncertainty
Publication: Research - peer-review › Journal article – Annual report year: 2017

Echo Planar Spectroscopic Imaging of Hyperpolarized 13C in a Clinical System with Reduced Chemical Shift Artifacts
Publication: Research - peer-review › Poster – Annual report year: 2018

Economic Assessment of Network-Constrained Transactive Energy for Managing Flexible Demand in Distribution Systems
Hu, J., Yang, G. & Xue, Y. 2017 In : Energies. 10, 5, 16 p., 711
Publication: Research - peer-review › Journal article – Annual report year: 2017

Economic Model Predictive Control for Hot Water Based Heating Systems in Smart Buildings
Publication: Research - peer-review › Journal article – Annual report year: 2017

Economy, Movement Dynamics, and Muscle Activity of Human Walking at Different Speeds
Publication: Research - peer-review › Journal article – Annual report year: 2017

Effect of a treat-to-target strategy based on methotrexate and intra-articular betamethasone with or without additional cyclosporin on MRI-assessed synovitis, osteitis, tenosynovitis, bone erosion, and joint space narrowing in early rheumatoid arthritis: results from a 2-year randomized double-blind placebo-controlled trial (CIMESTRA)
Publication: Research - peer-review › Journal article – Annual report year: 2017

Effect of musical training on pitch discrimination performance in older normal-hearing and hearing-impaired listeners
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017
Effects of hearing-aid dynamic range compression on spatial perception in a reverberant environment
Publication: Research - peer-review › Journal article – Annual report year: 2017

Effects of slow- and fast-acting compression on hearing impaired listeners’ consonant-vowel identification in interrupted noise
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Effects of visco-thermal losses in metamaterials slabs based on rigid building units
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2017

Efficiency Investigation of Subwoofer Driven Around Resonance Frequency
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Electrophysiological dynamics of covert and overt visual attention.
Publication: Research › Ph.D. thesis – Annual report year: 2017

EM simulation assisted parameter extraction for the modeling of transferred-substrate InP HBTs
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Enabling Technologies for Smart Grid Integration and Interoperability of Electric Vehicles
Publication: Research › Ph.D. thesis – Annual report year: 2018

Encoding of inductively measured k-space trajectories in MR raw data
Pedersen, J. O., Hanson, C. G., Xue, R. & Hanson, L. G. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Energy and Reserve under Distributed Energy Resources Management-Day-Ahead, Hour-Ahead and Real-Time
Publication: Research - peer-review › Journal article – Annual report year: 2017

Energy Based Clutter Filtering for Vector Flow Imaging
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Energylab Nordhavn: An integrated community energy system towards green heating and e-mobility
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017
EnergyLab Nordhavn – Physical Implementation and perspectives
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Enhancing damping of gas bearings using linear parameter-varying control
Theisen, L. R. S., Niemann, H. H., Galeazzi, R. & Santos, I. 2017 In : Journal of Sound and Vibration. 365, p. 48–64
Publication: Research - peer-review › Journal article – Annual report year: 2017

Enhancing demand side flexibility in Nordhavn buildings for integrated multi-energy systems
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Enhancing Wind Power Integration through Optimal Use of Flexibility in Multi-Carrier Energy Systems from the Danish Perspective
Publication: Research - peer-review › Journal article – Annual report year: 2017

Environmental coefficients of the free-field sensitivity of measurement microphones
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Equivalent to Represent Inertial and Primary Frequency Control Effects of an External System
Publication: Research - peer-review › Journal article – Annual report year: 2017

Erratum to: A Numerical Model of an Acoustic Metamaterial Using the Boundary Element Method Including Viscous and Thermal Losses
Cutanda Henriquez, V., Andersen, P. R., Jensen, J. S., Juhl, P. M. & Sánchez-Dehesa, J. 2017 In : Journal of Computational Acoustics. 25, 2, 2 p., 1792001
Publication: Research - peer-review › Journal article – Annual report year: 2017

Estimating the diffuseness of sound fields: A wavenumber analysis method
Publication: Research - peer-review › Journal article – Annual report year: 2017

Estimating the Sabine absorption coefficient of fibrous materials for various backing conditions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Estimation of surface impedance at oblique incidence based on sparse array processing
Publication: Research - peer-review › Journal article – Annual report year: 2017

Estimation of surface impedance using different types of microphone arrays
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2017

Evaluating a Loudspeaker-Based Virtual Sound Environment using Speech-on-Speech Masking
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017
Evaluating the Cost of Line Capacity Limitations in Aggregations of Commercial Buildings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Evaluation of a Loudspeaker-Based Virtual Acoustic Environment for Investigating sound-field auditory steady-state responses
Publication: Research - peer-review › Journal article – Annual report year: 2017

Evaluation of New Ultrasound Techniques for Clinical Imaging in selected Liver and Vascular Applications
Publication: Research › Ph.D. thesis – Annual report year: 2017

Evaluation of respiratory motion correction in PET/CT using a 3D printed phantom
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Experimental analysis of flexibility change with different levels of power reduction by demand response activation on thermostat controlled loads
Publication: Research - peer-review › Journal article – Annual report year: 2016

Experimental characterization of the Green's function in a room using sparse reconstruction principles
Publication: Research - peer-review › Journal article – Annual report year: 2017

Experimental performance assessment of the sub-band minimum variance beamformer for ultrasound imaging
Diamantis, K., Greenaway, A. H., Anderson, T., Jensen, J. A. & Sboros, V. 2017 In : Ultrasonics. 79, p. 87-95
Publication: Research - peer-review › Journal article – Annual report year: 2017

Experimental Validation of BDI Agents for Distributed Control of Electric Power Grids
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Exploiting Deep Neural Networks and Head Movements for Robust Binaural Localization of Multiple Sources in Reverberant Environments
Publication: Research - peer-review › Journal article – Annual report year: 2017

Exploiting Flexibility in Coupled Electricity and Natural Gas Markets: A Price-Based Approach
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Fast Plane Wave 2-D Vector Flow Imaging Using Transverse Oscillation and Directional Beamforming
Publication: Research - peer-review › Journal article – Annual report year: 2017
Fast Plane Wave Imaging
210 p.
Publication: Research › Ph.D. thesis – Annual report year: 2017

Fatigue Load Sensitivity Based Optimal Active Power Dispatch For Wind Farms
Publication: Research - peer-review › Journal article – Annual report year: 2017

Fault diagnosis and condition monitoring of wind turbines
Publication: Research - peer-review › Journal article – Annual report year: 2017

FDG at 7.8 MeV
Jensen, M. 2017 In : Aip Conference Proceedings. 1845, 7 p., 020011
Publication: Research - peer-review › Journal article – Annual report year: 2017

Feasibility of wind power integration in weak grids in non-coastal areas of Sub-Saharan Africa: the case of Mali
Publication: Research - peer-review › Journal article – Annual report year: 2017

Fine-Tuning Nonhomogeneous Regression for Probabilistic Precipitation Forecasts: Unanimous Predictions, Heavy Tails, and Link Functions
Publication: Research - peer-review › Journal article – Annual report year: 2017

Finite volume method room acoustic simulations integrated into the architectural design process
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2017

Flexible Method for the Automated Offline-Detection of Artifacts in Multi-Channel Electroencephalogram Recordings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Flexible prototype of modular multilevel converters for experimental verification of DC transmission and multiterminal systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Forming of space charge wave with broad frequency spectrum in helical relativistic two-stream electron beams: Paper
Publication: Research - peer-review › Journal article – Annual report year: 2017

Frequency Stability Enhancement for Low Inertia Systems using Synthetic Inertia of Wind Power
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Fully Integrated, Low Drop-Out Linear Voltage Regulator in 180 nm CMOS
Fumarase activity: an in vivo and in vitro biomarker for acute kidney injury
Publication: Research - peer-review › Journal article – Annual report year: 2017

Functional description of the monitoring and observability detailed concepts for the Pan-European Control Schemes: ELECTRA Deliverable D5.4. WP5: Increased Observability
Publication: Research - peer-review › Report – Annual report year: 2017

GABA-edited echo-planar spectroscopic imaging (EPSI) with MEGA-sLASER at 7T
Magnusson, P. O., Boer, V. O., Marsman, A., Lundell, H., Hanson, L. G. & Petersen, E. T. 2017
Publication: Research - peer-review › Poster – Annual report year: 2017

GaN-based High Efficiency Bidirectional DC-DC Converter with 10 MHz Switching Frequency
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Giga-voxel computational morphogenesis for structural design
Aage, N., Andreassen, E., Lazarov, B. S. & Sigmund, O. 2017 In : Nature. 550, 7674, p. 84-86
Publication: Research - peer-review › Letter – Annual report year: 2017

Giga-Voxel Structural Optimization
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Gradient distortions in EEG provide motion tracking during simultaneous EEG-fMRI
Laustsen, M., Andersen, M., Madsen, K. H. & Hanson, L. G. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Grid architecture for future distribution system — A cyber-physical system perspective
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Guest Editorial: Special issue: Selected papers from NorCAS 2016, the 2nd Nordic
Publication: Research - peer-review › Editorial – Annual report year: 2017

Guest Editorial: Special Issue: Smart Grid Voltage Control
Publication: Research - peer-review › Journal article – Annual report year: 2017

Guest Editorial - Special Section on Emerging Informatics for Risk Hedging and Decision Making in Smart Grids
Publication: Research - peer-review › Editorial – Annual report year: 2017
Guidelines for Distribution System Operators on Reactive Power Provision by Electric Vehicles in Low Voltage Grids
Publication: Research - peer-review › Journal article – Annual report year: 2017

Harmonic Active Filtering and Impedance-based Stability Analysis in Offshore Wind Power Plants
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Helbredstjek af dansk sundhedsteknologi: Sektorudviklingsrapport
Publication: Commissioned › Report – Annual report year: 2017

High Accuracy Nonlinear Control and Estimation for Machine Tool Systems
Publication: Research › Ph.D. thesis – Annual report year: 2017

High-Accuracy Spherical Near-Field Measurements for Satellite Antenna Testing
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

High-frame-rate Imaging of a Carotid Bifurcation using a Low-complexity Velocity Estimation Approach
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

High-frequency Soft Switching Half Bridge Series-Resonant DC-DC Converter Utilizing Gallium Nitride FETs
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

High performance control strategy for single-phase three-level neutral-point-clamped traction four-quadrant converters
Kejian, S., Konstantinou, G., Jing, L., Mingli, W. & Ageidis, V. 2017 In : I E T Power Electronics. 10, 8, p. 884-93
Publication: Research - peer-review › Journal article – Annual report year: 2017

Human in-vivo brain magnetic resonance current density imaging (MRCDI)
Publication: Research - peer-review › Journal article – Annual report year: 2018

Human In-vivo MR Current Density Imaging (MRCDI) Based on Optimized Multi-echo Spin Echo (MESE)
Göksu, C., Hanson, L. G., Ehses, P., Scheffler, K. & Thielscher, A. 2017
Publication: Research - peer-review › Poster – Annual report year: 2018
Hyperbaric oxygen sensitizes anoxic Pseudomonas aeruginosa biofilm to ciprofloxacin
Publication: Research - peer-review › Journal article – Annual report year: 2017

Hyperpolarized $^{133}$Cs is a sensitive probe for real-time monitoring of biophysical environments
Publication: Research - peer-review › Journal article – Annual report year: 2017

Hyperpolarized Water Perfusion in the Porcine Brain – a Pilot Study
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Hyperpolarized xenon by d-DNP using the clinical GE SpinLab polarizer system
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Identification of Conflicts between Transmission and Distribution System Operators when Acquiring Ancillary Services from Electric Vehicles
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Identifying Causality from Alarm Observations
Publication: Research - peer-review › Paper – Annual report year: 2017

Imaging regional metabolic changes in the ischemic rat heart in vivo using hyperpolarized(1-13C)Pyruvate
Publication: Research - peer-review › Journal article – Annual report year: 2017

Impact of Noise and Noise Reduction on Processing Effort: A Pupillometry Study
Publication: Research - peer-review › Journal article – Annual report year: 2017

Impact of Public Aggregate Wind Forecasts on Electricity Market Outcomes
Publication: Research - peer-review › Journal article – Annual report year: 2017

Impact of realistic communications for fast-acting demand side management
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Impact of stimulus-related factors and hearing impairment on listening effort as indicated by pupil dilation
Publication: Research - peer-review › Journal article – Annual report year: 2017
Impact of tumor position, conductivity distribution and tissue homogeneity on the distribution of tumor treating fields in a human brain: A computer modeling study
Publication: Research - peer-review › Journal article – Annual report year: 2017

Implementation and validation of synthetic inertia support employing series produced electric vehicles
Publication: Research - peer-review › Journal article – Annual report year: 2017

Implementation of a Simplified State Estimator for Wind Turbine Monitoring on an Embedded System
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Implementation of fuzzy logic for mitigating conflicts of frequency containment control
Publication: Research - peer-review › Journal article – Annual report year: 2017

Improved Decoupling for 13C coil Arrays Using Non-Conventional Matching and Preamplifier Impedance
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Improved Focusing Method for 3-D Imaging using Row–Column-Addressed 2-D Arrays
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Improved reconstruction for IDEAL spiral CSI
Hansen, R. B., Mariager, C., Laustsen, C., Schulte, R. F., Ardenkjær-Larsen, J. H. & Hanson, L. G. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Incorporating evanescent modes and flow losses into reference impedances in acoustic Thévenin calibration
Publication: Research - peer-review › Journal article – Annual report year: 2017

Increased Observability in Electric Distribution Grids: Emerging Applications Promoting the Active Role of Distribution System Operators
Prostejovsky, A. M., Bindner, H. W., Kosek, A. M. & Kok, K. 2017 Technical University of Denmark, Department of Electrical Engineering. 284 p.
Publication: Research › Ph.D. thesis – Annual report year: 2018

Influence of a remote microphone on localization with hearing aids
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Influence of binary mask estimation errors on robust speaker identification
Publication: Research - peer-review › Journal article – Annual report year: 2017

Influence of Processing Conditions on the Mechanical Behavior of MWCNT Reinforced Thermoplastic Nanocomposites
Injection Moulding Simulation and Experimental Validation of Hearing Aid Shells
Islam, A. & Li, X. 2017

InP DHBT technology for power amplifiers at mm-wave frequencies

Integrated Very High Frequency Switch Mode Power Supplies: Design Considerations

Integration of Electric Vehicles into the Power Distribution Network with a Modified Capacity Allocation Mechanism

Interaction of droop control structures and its inherent effect on the power transfer limits in multi-terminal VSC-HVDC

Investigating the effects of noise-estimation errors in simulated cochlear implant speech intelligibility

Investigating time-efficiency of forward masking paradigms for estimating basilar membrane input-output characteristics

Investigation of echogenic surface enhancements for improved needle visualization in ultrasonography: A PRISMA systematic review.
Hovgesen, C. H., Wilhjelm, J. E. & Vilmann, P. 2017

Investigation of the mechanical properties of GNP/MWCNT reinforced PA66 hybrid nanocomposites
Doagou Rad, S., Islam, A. & Sandegaard Jensen, J. 2017

Laboratory infrastructure driven key performance indicator development using the smart grid architecture model

Large-signal modeling of multi-finger InP DHBT devices at millimeter-wave frequencies
Modelling the Aggregated Dynamic Response of Electric Vehicles
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Module Integrated GaN Power Stage for High Switching Frequency Operation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Monitoring Cancer Response to Treatment with Hyperpolarized $^{13}$C MRS
Publication: Research › Ph.D. thesis – Annual report year: 2017

MRI
Publication: Research - peer-review › Book chapter – Annual report year: 2017

Multi-dimensional procurement auction under uncertain and asymmetric information
Publication: Research - peer-review › Journal article – Annual report year: 2016

Multi-port isolated LLC resonant converter for distributed energy generation with energy storage
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Multi-Scale Modeling of the Structural and Vibrational Behavior of Carbon Nanotube Reinforced Polymeric Nanocomposite Plates
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Musicians do not benefit from differences in fundamental frequency when listening to speech in competing speech backgrounds
Publication: Research - peer-review › Journal article – Annual report year: 2017

Myoendothelial coupling through Cx40 contributes to EDH-induced vasodilation in murine renal arteries: evidence from experiments and modelling
Publication: Research - peer-review › Journal article – Annual report year: 2017

New Frontiers in Passive and Active Nanoantennas
Publication: Research - peer-review › Editorial – Annual report year: 2017

Noise-robust cortical tracking of attended speech in real-world acoustic scenes
Publication: Research - peer-review › Journal article – Annual report year: 2017
Non-Cartesian Parallel Imaging Reconstruction of Undersampled IDEAL Spiral 13C CSI Data
Hansen, R. B., Hanson, L. G. & Ardenkjær-Larsen, J. H. 2017
Publication: Research - peer-review » Conference abstract for conference – Annual report year: 2017

Non-Cooperative Regulation Coordination Based on Game Theory for Wind Farm Clusters during Ramping Events
Publication: Research - peer-review » Journal article – Annual report year: 2017

Nonlinear Dynamic Model of PMBLDC Motor Considering Core Losses
Publication: Research - peer-review » Journal article – Annual report year: 2017

Novel Approach for Automatic Detection of Atrial Fibrillation Based on Inter Beat Intervals and Support Vector Machine
Publication: Research - peer-review » Article in proceedings – Annual report year: 2017

Numerical Acoustic Models Including Viscous and Thermal losses: Review of Existing and New Methods
Publication: Research - peer-review » Article in proceedings – Annual report year: 2017

Numerical models of single- and double-negative metamaterials including viscous and thermal losses
Publication: Research - peer-review » Article in proceedings – Annual report year: 2017

Offering strategy of a price-maker energy storage system in day-ahead and balancing markets
Publication: Research - peer-review » Article in proceedings – Annual report year: 2017

On-chip patch antenna on InP substrate for short-range wireless communication at 140 GHz
Publication: Research - peer-review » Article in proceedings – Annual report year: 2017

On maximizing profit of wind-battery supported power station based on wind power and energy price forecasting
Publication: Research - peer-review » Journal article – Annual report year: 2017

On-site and laboratory evaluations of soundscape quality in recreational urban spaces
Publication: Research - peer-review » Journal article – Annual report year: 2017

On the accuracy of Friis’ transmission formula at short range
Publication: Research - peer-review » Conference abstract for conference – Annual report year: 2017

On-the-go throughput prediction in a combine harvester using sensor fusion
Optimal approach for the interaction between dsos and aggregators to activate der flexibility in the distribution grid
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Optimal Day-ahead Charging Scheduling of Electric Vehicles through an Aggregative Game Model
Publication: Research - peer-review › Journal article – Annual report year: 2017

Optimal Design of DC Fast-Charging Stations for EVs in Low Voltage Grids
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Optimal Modulator with Loudspeaker Parameter Inclusion
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Optimal offering and allocation policies for wind power in energy and reserve markets
Publication: Research - peer-review › Journal article – Annual report year: 2017

Optimal offering and operating strategy for a large wind-storage system as a price maker
Publication: Research - peer-review › Journal article – Annual report year: 2017

Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Optimal planning of integrated multi-energy systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Optimal Power Flow Modelling and Analysis of Hybrid AC-DC Grids with Offshore Wind Power Plant
Publication: Research - peer-review › Conference article – Annual report year: 2017

Optimal scheduling for electric heat booster under day-ahead electricity and heat pricing
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Optimized dispatch of wind farms with power control capability for power system restoration
Publication: Research - peer-review › Journal article – Annual report year: 2017

Optimum phase shift in the self-oscillating loop for piezoelectric transformer-based power converters
Publication: Research - peer-review › Journal article – Annual report year: 2017
Playware ABC 2: a Disruptive Technology for Global Development
Publication: Research - peer-review › Journal article – Annual report year: 2017

Playware ABC: Engineering Play for Everybody
Publication: Research - peer-review › Journal article – Annual report year: 2017

Plural three-wave resonances of space charge wave harmonics in transit section of klystron-type two-stream FEL with helical electron beam
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Portable Ultrasound Imaging
Publication: Research › Ph.D. thesis – Annual report year: 2017

Position Dependence of Fractional Derivative Models for Loudspeaker Voice Coils with Lossy Inductance
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Positioning the laparoscopic camera with industrial robot arm
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Practical Aspects of Preamplifier Designs for 13C Imaging.
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Predicting consonant recognition and confusions in normal-hearing listeners
Publication: Research - peer-review › Journal article – Annual report year: 2017

Predicting effects of additive noise and hearing-instrument signal processing on consonant recognition and confusions
Zaar, J. & Dau, T. 2017
Publication: Research › Poster – Annual report year: 2017

Predicting effects of hearing-instrument signal processing on consonant perception
Publication: Research - peer-review › Journal article – Annual report year: 2017

Predicting effects of hearing-instrument signal processing on consonant recognition and confusions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Prediction of Motion Induced Image Degradation Using a Markerless Motion Tracker
Olsen, R. M., Johannesen, H. H., Henriksen, O. M., Marner, L. & Olesen, O. V. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017
Prediction of speech intelligibility based on a correlation metric in the envelope power spectrum domain
Publication: Research › Poster – Annual report year: 2017

Predictive Control of Wind Turbine for Load Reduction during Ramping Events
Publication: Research - peer-review › Journal article – Annual report year: 2017

Preliminary investigation of the categorization of gaps and overlaps in turn-taking interactions: Effects of noise and hearing loss
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Preparation of Radical-Free Hyperpolarized Water using Photo-induced non-persistent Radicals on a "SpinLab-like" dissolution-DNP Polarizer
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Preserving spatial perception in rooms using direct-sound driven dynamic range compression
Publication: Research - peer-review › Journal article – Annual report year: 2017

Pre-treatment of Biomass By Rolling - A Combined Experimental and Numerical Analysis
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Price-Taker Offering Strategy in Electricity Pay-as-Bid Markets
Publication: Research - peer-review › Journal article – Annual report year: 2017

Probabilistic Forecasting of Photovoltaic Generation: An Efficient Statistical Approach
Publication: Research - peer-review › Journal article – Annual report year: 2016

Probabilistic Harmonic Modeling of Wind Power Plants
Publication: Research - peer-review › Journal article – Annual report year: 2017

Probing of biochemical pathways in clonal pancreatic β-cells by quantitative dDNP of metabolite extracts
Malinowski, R. M., Ghiasi, S. M., Mandrup-Poulsen, T., Jensen, P. R. & Ardenkjær-Larsen, J. H. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Quantifying Biochemical Activities in Living Cells with 13C dDNP NMR
Jensen, P. R., Karlsson, M., Capozzi, A., Ardenkjær-Larsen, J. H. & Lerche, M. H. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Queue-based modelling and detection of parameters involved in stroke outcome
Publication: Research - peer-review › Journal article – Annual report year: 2017
Real-time 2.5 Gbit/s ultra-wideband transmission using a Schottky diode-based envelope detector
Publication: Research - peer-review › Journal article – Annual report year: 2017

Real-Time Congestion Management in Distribution Networks by Flexible Demand Swap
Huang, S. & Wu, Q. 2017 In : IEEE Transactions on Smart Grid. 11 p.
Publication: Research - peer-review › Journal article – Annual report year: 2017

Real-time estimation of eye gaze by in-ear electrodes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Real-time Implementation of Synthetic Aperture Vector Flow Imaging on a Consumer-level Tablet
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Real-Time Trading Strategies of Proactive DISCO with Heterogeneous DG Owners.
Publication: Research - peer-review › Journal article – Annual report year: 2017

Reduced order modeling in topology optimization of vibroacoustic problems
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2017

RE-Europe, a large-scale dataset for modeling a highly renewable European electricity system
Jensen, T. V. & Pinson, P. 2017 In : Scientific Data. 4, 31 p., 170175
Publication: Research - peer-review › Journal article – Annual report year: 2017

Relations Between Self-Reported Daily-Life Fatigue, Hearing Status, and Pupil Dilation During a Speech Perception in Noise Task
Publication: Research - peer-review › Journal article – Annual report year: 2017

Relationship between overall comfort and combined thermal and acoustic conditions in urban recreational spaces
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Remote Off-Grid Solutions for Greenland and Denmark
Publication: Research - peer-review › Journal article – Annual report year: 2017

Renewable energy sources offering flexibility through electricity markets
Soares, T. & Pinson, P. 2017 Technical University of Denmark, Department of Electrical Engineering. 198 p.
Publication: Research › Ph.D. thesis – Annual report year: 2017

Representing Operational Modes for Situation Awareness
Publication: Research - peer-review › Conference article – Annual report year: 2017
Requirements for future control room and visualisation features in the Web-of-Cells framework defined in the ELECTRA project
Publication: Research - peer-review › Journal article – Annual report year: 2017

Residential Demand Response Behaviour Modeling applied to Cyber-physical Intrusion Detection
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Residual signal feature extraction for gearbox planetary stage fault detection
Publication: Research - peer-review › Journal article – Annual report year: 2017

Response to Comment: RE: Ohlenforst et al. (2016) Exploring the Relationship Between Working Memory, Compressor Speed, and Background Noise Characteristics, Ear Hear 37, 137–143
Publication: Research - peer-review › Comment/debate – Annual report year: 2017

Retrieving complex surface impedances from statistical absorption coefficients
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Review of High Efficiency Bidirectional dc-dc Topologies with High Voltage Gain
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Revision of the qualification framework at the Technical University of Denmark Part 1: Concepts
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Revision of the qualification framework at the Technical University of Denmark Part 2: Applications
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Robust Multi-Objective PQ Scheduling for Electric Vehicles in Flexible Unbalanced Distribution Grids
Publication: Research - peer-review › Journal article – Annual report year: 2017

Role of renal vascular potassium channels in physiology and pathophysiology
Publication: Research - peer-review › Journal article – Annual report year: 2017

Scenario-based approach adopted in the ELECTRA project for deriving innovative control room functionality
Publication: Research - peer-review › Journal article – Annual report year: 2017

Searching for Plausible N-k Contingencies Endangering Voltage Stability
Self-reconfiguration of Modular Underwater Robots using an Energy Heuristic

Sensitivity analysis of magnetic field measurements for magnetic resonance electrical impedance tomography (MREIT)
Göksu, C., Scheffler, K., Ehses, P., Hanson, L. G. & Thielischer, A. 2017 In : Magnetic Resonance in Medicine. 79, 2, p. 748–760

Sensitivity to Angular and Radial Source Movements as a Function of Acoustic Complexity in Normal and Impaired Hearing

Sequence Domain Harmonic Modeling of Type-IV Wind Turbines

Setting the foundations for international and crossdisciplinary learning: The US-Denmark Summer School "Renewable Energy: In Practice"

Short Circuits of a 10-MW High-Temperature Superconducting Wind Turbine Generator

Simulating CMUT Arrays Using Time Domain FEA

Simulation-based Validation of Smart Grids - Status Quo and Future Research Trends

Simultaneous imaging of hyperpolarized [1,4-13 C2] fumarate, [1-13 C] pyruvate and 18 F-FDG in a rat model of necrosis in a clinical PET/MR scanner
Spatial models for probabilistic prediction of wind power with application to annual-average and high temporal resolution data
Publication: Research - peer-review › Journal article – Annual report year: 2016

Speakers comfort and voice use in different environments and babble-noise. What are the effects on effort and cognition?
Publication: Research - peer-review › Journal article – Annual report year: 2017

Special Issue - Adaptive Control and Signal Processing in Marine Systems In Memory of Professor Antonio Tiano (1943-2013) and Professor Geoffrey Roberts (1949-2015)
Publication: Research - peer-review › Editorial – Annual report year: 2017

Spectrum analysis of a voltage source converter due to semiconductor voltage drops
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Stability and Accuracy Considerations in the Design and Implementation of Wind Turbine Power Hardware in the Loop Platform
Publication: Research - peer-review › Journal article – Annual report year: 2017

Stability Boundaries for Offshore Wind Park Distributed Voltage Control
Publication: Research - peer-review › Journal article – Annual report year: 2016

Statistical modelling of space-time processes with application to wind power.
Publication: Research › Ph.D. thesis – Annual report year: 2017

Stenosis of the superficial femoral artery evaluated in-vivo with vector concentration - a novel ultrasound vector velocity derived flow parameter for measurement of flow complexity
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2017

Structural Emergency Control for Power Grids
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Structural Emergency Control Paradigm
Studenterinvolvering via ressourcemæssig effektiv peer review i et obligatorisk kursus i fysikken i medicinsk billeddannelse
Wilhjelm, J. E. & Prag, S-M. W. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Study protocol: effect of playful training on functional abilities of older adults - a randomized controlled trial
Jessen, J. D. & Lund, H. H. 2017 In : Journal of the American Geriatrics Society. 17, 1, 6 p., 27
Publication: Research - peer-review › Journal article – Annual report year: 2017

Subcortical and cortical correlates of pitch discrimination: Evidence for two levels of neuroplasticity in musicians
Publication: Research - peer-review › Journal article – Annual report year: 2017

Subjective rating and objective evaluation of the acoustic and indoor climate conditions in video conferencing rooms
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Super-Positioning of Voltage Sources for Fast Assessment of Wide-Area Thévenin Equivalents
Møller, J. G., Jóhannsson, H. & Østergaard, J. 2017 In : I E E E Transactions on Smart Grid. 8, 3, p. 1488-1493
Publication: Research - peer-review › Journal article – Annual report year: 2017

Supporting Control Room Operators in Highly Automated Future Power Networks
Publication: Research - peer-review › Journal article – Annual report year: 2017

Supporting involvement of electric vehicles in distribution grids: Lowering the barriers for a proactive integration
Publication: Research - peer-review › Journal article – Annual report year: 2017

Switched capacitor DC-DC converter with switch conductance modulation and Pesudo-fixed frequency control
Larsen, D. Ø., Vinter, M. & Jørgensen, I. H. H. 2017
Publication: Research - peer-review › Paper – Annual report year: 2017

Synthesis and design of a fully integrated multi-topology switched capacitor DC-DC converter with gearbox control
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Synthetic Aperture Sequential Beamforming using Spatial Matched Filtering
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

System Level Power Optimization of Digital Audio Back End for Hearing Aids
Publication: Research - peer-review › Journal article – Annual report year: 2016

Tailoring the nonlinear response of MEMS resonators using shape optimization
Publication: Research - peer-review › Journal article – Annual report year: 2017
Taxonomy for Evaluation of Distributed Control Strategies for Distributed Energy Resources
Han, X., Heussen, K., Gehre, O., Bindner, H. W. & Kroposki, B. 2017 In : IEEE Transactions on Smart Grid. 11 p.
Publication: Research - peer-review › Journal article – Annual report year: 2017

Technological aided assessment of the acutely ill patient - The case of postoperative complications
Publication: Research - peer-review › Journal article – Annual report year: 2017

The circle equation over finite fields
Publication: Research - peer-review › Journal article – Annual report year: 2017

The future of Robotics Technology
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

The impact of large structural brain changes in chronic stroke patients on the electric field caused by transcranial brain stimulation
Publication: Research - peer-review › Journal article – Annual report year: 2017

Thermostat Controlled Loads Flexibility Assessment for Enabling Load Shifting – An Experimental Proof in a Low Voltage Grid
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

The role of temporal cues in voluntary stream segregation in cochlear implant listeners
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

The speech-based envelope power spectrum model (eEPSM) family: Development, achievements, and current challenges
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2017

Three Phase Power Imbalance Decomposition into Systematic Imbalance and Random Imbalance
Publication: Research - peer-review › Journal article – Annual report year: 2017

Tolerances in micro manufacturing
Hansen, H. N., Zhang, Y. & Islam, A. 2017
Publication: Research - peer-review › Paper – Annual report year: 2017

Topology and Control of Transformerless High Voltage Grid-connected PV System Based on Cascade Step-up Structure
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017
Topology Optimization Methods for Acoustic-Mechanical Coupling Problems
Publication: Research - peer-review » Conference abstract in proceedings – Annual report year: 2017

Topology optimization of bounded acoustic problems using the hybrid finite element-wave based method
Publication: Research - peer-review » Journal article – Annual report year: 2016

Topology optimization of microwave waveguide filters
Publication: Research - peer-review » Journal article – Annual report year: 2017

Topology optimization of periodic microstructures for enhanced loss factor using acoustic–structure interaction
Publication: Research - peer-review » Journal article – Annual report year: 2017

Towards fully renewable energy systems - Experience and trends in Denmark
Publication: Research - peer-review » Journal article – Annual report year: 2016

Towards new vistas in preamplifier design for MRI
Publication: Research - peer-review » Article in proceedings – Annual report year: 2018

Transactive Energy A Review of State of The Art and Implementation
Publication: Research - peer-review » Article in proceedings – Annual report year: 2017

Transcranial magnetic stimulation of right inferior parietal cortex causally influences prefrontal activation for visual detection
Publication: Research - peer-review » Journal article – Annual report year: 2017

Transient stability improvement: a review and comparison of conventional and renewable-based techniques for preventive and emergency control
Publication: Research - peer-review » Journal article – Annual report year: 2017

Transmission expansion in an oligopoly considering generation investment equilibrium
Publication: Research - peer-review » Journal article – Annual report year: 2017

Transmitting Performance Evaluation of ASICs for CMUT-Based Portable Ultrasound Scanners
Publication: Research - peer-review » Article in proceedings – Annual report year: 2017

Tunable microwave metamaterials based on ordinary water
Publication: Research - peer-review » Paper – Annual report year: 2017
Tuningless Load Frequency Control Through Active Engagement of Distributed Resources
Publication: Research - peer-review › Journal article – Annual report year: 2017

Ultrasonic 3-D Vector Flow Method for Quantitative In Vivo Peak Velocity and Flow Rate Estimation
Publication: Research - peer-review › Journal article – Annual report year: 2017

Unregulated Series Resonant Converter for Interlinking DC Nanogrids
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Ultrahigh-resolution Axial Localization of Ultrasound Scatter Using Multi-focal Imaging
Publication: Research - peer-review › Journal article – Annual report year: 2017

Upward lightning attachment analysis on wind turbines and correlated current parameters
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Use cases for integrated electrical and thermal energy systems operation and control with a view on simulation tools
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Using MFM methodology to generate and define major accident scenarios for quantitative risk assessment studies
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Validating Intelligent Power and Energy Systems (A Discussion of Educational Needs
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Publication: Research - peer-review › Journal article – Annual report year: 2017

Value of flexible resources, virtual bidding, and self-scheduling in two-settlement electricity markets with wind generation - Part II
Publication: Research - peer-review › Journal article – Annual report year: 2017

Vector and Doppler Ultrasound Velocities Evaluated in a Flow Phantom and the Femoropopliteal Vein
Vector Flow Imaging Compared with Conventional Doppler Ultrasound and Thermodilution for Estimation of Blood Flow in the Ascending Aorta

Vector velocity estimation of blood flow – A new application in medical ultrasound

Velocity Estimation in Medical Ultrasound [Life Sciences]

Verbal attribute magnitude estimates of pulse trains across electrode places and stimulation rates in cochlear implant listeners

Very High Frequency Galvanic Isolated Offline Power Supply

Viscothermal Losses in Double-Negative Acoustic Metamaterials

Vital Signs Monitoring and Interpretation for Critically Ill Patients

Volumetric 3-D Vector Flow Measurements using a 62+62 Row-Column Addressed Array

Windowed SHE-PWM of Interleaved Four-Quadrant Converters for Resonance Suppression in Traction Power Supply Systems

Wind Power Plant Voltage Control Optimization with Embedded Application of Wind Turbines and Statcom

丹麦区域能源互联网发展综述.
You, S. 2017 In : Distribution & Utilization. 34, 12, p. 2-7
A three-port direct current converter
Mira Albert, M. D. C. 27 Oct 2016
Publication: Research › Patent – Annual report year: 2016

A microwave powered sensor assembly for microwave ovens
Lindberg-Poulsen, K., Schneider, H. & Andersen, T. 13 Oct 2016
Publication: Research › Patent – Annual report year: 2016

Medical preparation container comprising microwave powered sensor assembly
Schneider, H. & Lindberg-Poulsen, K. 13 Oct 2016
Publication: Research › Patent – Annual report year: 2016

Electric vehicle battery charging controller
Publication: Research › Patent – Annual report year: 2016

Hyperpolarized 1-13c-1,1-bis(acetoxy(methyl))-2,2’-cyclopropane as metabolic marker for mr
Publication: Research › Patent – Annual report year: 2016

Methodology and apparatus for determining psychoacoustical threshold curves
Fereczkowski, M., MacDonald, E. & Dau, T. 31 Mar 2016
Publication: Research › Patent – Annual report year: 2016

100G shortwave wavelength division multiplexing solutions for multimode fiber data links
Publication: Research - peer-review › Journal article – Annual report year: 2016

16-Channel surface coil for 13C-hyperpolarized spectroscopic imaging of cardiac metabolism in pig heart
Publication: Research - peer-review › Journal article – Annual report year: 2016

3-D Imaging using Row–Column-Addressed 2-D Arrays with a Diverging Lens
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

3-D Vector Flow Estimation With Row–Column-Addressed Arrays
Publication: Research - peer-review › Journal article – Annual report year: 2016

3-D Vector Flow Imaging
Publication: Research › Ph.D. thesis – Annual report year: 2016
3-D Vector Flow Using a Row-Column Addressed CMUT Array
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A 10 MHz Bandwidth Continuous-Time Delta-Sigma Modulator for Portable Ultrasound Scanners
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Accelerometer Based Motional Feedback Integrated in a 2 3/4” Loudspeaker
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Accountability for Uncertainty in Electricity Markets
Papakonstantinou, A. & Pinson, P. 2016
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Accurate Angle Estimator for High-Frame-rate 2-D Vector Flow Imaging
Publication: Research - peer-review › Journal article – Annual report year: 2016

AC Losses and Their Thermal Effect in High-Temperature Superconducting Machines
Publication: Research - peer-review › Journal article – Annual report year: 2016

A comparative study of pseudorandom sequences used in a c-VEP based BCI for online wheelchair control
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A comprehensive performance analysis of EEMD-BLMS and DWT-NN hybrid algorithms for ECG denoising
Publication: Research - peer-review › Journal article – Annual report year: 2016

A conceptual framework for designing micro electrical connectors for hearing aid instruments
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A correlation metric in the envelope power spectrum domain for speech intelligibility prediction
Publication: Research - peer-review › Poster – Annual report year: 2017

Active Fault Detection Based on a Statistical Test
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016
A Method for Remote Control of EV Charging by Modifying IEC61851 Compliant EVSE Based PWM Signal
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A modular guitar for teaching musical acoustics
Publication: Research - peer-review › Journal article – Annual report year: 2016

A Mouse Positron Emission Tomography Study of the Biodistribution of Gold Nanoparticles with Different Surface Coatings Using Embedded Copper-64
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A Multi-Model Reduction Technique for Optimization of Coupled Structural-Acoustic Problems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

An algorithm for reduction of extracted power from photovoltaic strings in grid-tied photovoltaic power plants during voltage sags
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Analog Gradient Beamformer for a Wireless Ultrasound Scanner.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Analysis and Comparison of Voltage Dependent Charging Strategies for Single-Phase Electric Vehicles in an Unbalanced Danish Distribution Grid
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Analysis of bi-directional piezoelectric-based converters for zero-voltage switching operation
Ekhtiari, M., Zhang, Z. & Andersen, M. A. E. 2016 In : IEEE Transactions on Power Electronics. 32, 1, 12 p., 7425240
Publication: Research - peer-review › Journal article – Annual report year: 2016

Analysis of Systolic Backflow and Secondary Helical Blood Flow in the Ascending Aorta Using Vector Flow Imaging
Publication: Research - peer-review › Journal article – Annual report year: 2016

Analytical modelling of waveguide mode launchers for matched feed reflector systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

An application of gain-scheduled control using state-space interpolation to hydroactive gas bearings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016
A new procedure for automatic fitting of the basilar-membrane input-output function to individual behavioral data.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

An improved minimum variance beamforming applied to plane-wave imaging in medical ultrasound
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

An interleaved structure for a high-voltage planar transformer for a Travelling-wave Tube
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

An interleaved structure for a high-voltage planar transformer for a Travelling-wave Tube
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A Noise-Assisted Data Analysis Method for Automatic EOG-Based Sleep Stage Classification Using Ensemble Learning
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A Note on Powers in Finite Fields
Publication: Research - peer-review › Journal article – Annual report year: 2016

A novel array processing method for precise depth detection of ultrasound point scatter
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A Novel Grid-Wide Transient Stability Assessment and Visualization Method for Increasing Situation Awareness of Control Room Operators
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A novel MR contrast agent for angiography and perfusion: Hyperpolarized water
Publication: Research › Ph.D. thesis – Annual report year: 2016

A novel array processing method for precise depth detection of ultrasound point scatter
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

An Overview of Modeling Approaches Applied to Aggregation-Based Fleet Management and Integration of Plug-in Electric Vehicles†
Publication: Research - peer-review › Journal article – Annual report year: 2016

Antenna diagnostics for power flow in extreme near-field of a standard gain horn
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

An Ultra-Wideband Schottky Diode Based Envelope Detector for 2.5 Gbps signals
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016
A practical multiscale approach for optimization of structural damping
Publication: Research - peer-review › Journal article – Annual report year: 2015

A precise electromagnetic field model useful for development of microwave imaging systems
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Probabilistic Method for Determining Grid-Accommodable Wind Power Capacity Based on Multiscenario System Operation Simulation
Publication: Research - peer-review › Journal article – Annual report year: 2016

Archetypal analysis of auditory profiling data towards a clinical test battery
Publication: Research › Poster – Annual report year: 2017

Area-Efficiency Trade-Offs in Integrated Switched-Capacitor DC-DC Converters
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A Robust Optimisation Approach using CVaR for Unit Commitment in a Market with Probabilistic Offers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A Sealed-Bid Two-Attribute Yardstick AuctionWithout Prior Scoring
Leth Hougaard, J., Nielsen, K. & Papakonstantinou, A. 2016 In : Group Decision and Negotiation. 25, 4, p. 827-843
Publication: Research - peer-review › Journal article – Annual report year: 2016

A Society of Devices: Integrating Intelligent Distributed Resources with Transactive Energy
Publication: Research - peer-review › Journal article – Annual report year: 2016

Assessing and modeling apparent source width perception
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Assessing the contribution of binaural cues for apparent source width perception via a functional model
Paper ABS-768
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Assessment of grid-friendly collective optimization framework for distributed energy resources
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Assessment of Lightning Shielding Performance of a 400 kV Double-Circuit Fully Composite Pylon
Jahangirli, T., Bak, C. L., Silva, F. M. F. D., Endahl, B. & Holbøll, J. 2016 Cigré Session 2016. C4-205
Publication: Research › Article in proceedings – Annual report year: 2016
A Sufficient Condition on Convex Relaxation of AC Optimal Power Flow in Distribution Networks
Publication: Research - peer-review › Journal article – Annual report year: 2016

Asymmetric active nano-particles for directive near-field radiation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Asymmetric overlap and hysteresis current control of zero-current switched alternate arm converter
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Auditory features in consonant perception - a modeling perspective
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Auditory-model based assessment of the effects of hearing loss and hearing-aid compression on spectral and temporal resolution
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Automatic Ultrasound Scanning
Publication: Research › Ph.D. thesis – Annual report year: 2017

Auditory profiling and hearing-aid satisfaction in hearing-aid candidates
Publication: Research - peer-review › Journal article – Annual report year: 2016

Autonomous Voltage Security Regions to Prevent Cascading Trip Faults in Wind Turbine Generators
Publication: Research - peer-review › Journal article – Annual report year: 2016

Axial Permanent Magnet Generator for Wearable Energy Harvesting
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Balanced G-band Gm-boosted frequency doublers in transferred substrate InP HBT technology
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Bidding strategy for an energy storage facility
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016
Combined Geometric and Neural Network Approach to Generic Fault Diagnosis in Satellite Actuators and Sensors
Baldi, P., Blanke, M., Castaldi, P., Mimmo, N. & Simani, S. 2016 In : IFAC-PapersOnLine. 49, 17, p. 432–437
Publication: Research - peer-review › Journal article – Annual report year: 2016

Combining non-invasive transcranial brain stimulation with neuroimaging and electrophysiology: Current approaches and future perspectives: Current approaches and future perspectives
Publication: Research - peer-review › Journal article – Annual report year: 2016

Compact First-Order Probe for Spherical Near-Field Antenna Measurements at P-band
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Comparative Analysis of Possible Designs for Flexible Distribution System Operation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Comparative Evaluation of the Loss and Thermal Performance of Advanced Three Level Inverter Topologies
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Comparative Evaluation of the Loss and Thermal Performance of Advanced Three Level Inverter Topologies
Publication: Research - peer-review › Journal article – Annual report year: 2016

Comparing eye tracking with electrooculography for measuring individual sentence comprehension duration
Publication: Research - peer-review › Journal article – Annual report year: 2016

Comparing the influence of spectro-temporal integration in computational speech segregation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Comparison of bipolar sub-modules for the alternate arm converter
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Comparison of four computational methods for computing Q factors and resonance wavelengths in photonic crystal membrane cavities
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Comparison of Simple Self-Oscillating PWM Modulators
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016
Coordinated voltage control of a decoupled three-phase on load tap changer transformer and photovoltaic inverters for managing unbalanced networks
Publication: Research - peer-review › Journal article – Annual report year: 2016

Coordinated Voltage Control of a Wind Farm based on Model Predictive Control
Publication: Research - peer-review › Journal article – Annual report year: 2016

Coupled Acoustic-Mechanical Bandgaps
Publication: Research - peer-review › Journal article – Annual report year: 2016

Critical kick-back mitigation through improved design of demand response
Publication: Research - peer-review › Journal article – Annual report year: 2016

Cross-correlation model of interaural time difference coding in listeners with bilateral cochlear implants
Joshi, S. N., Dau, T. & Epp, B. 2016
Publication: Research › Poster – Annual report year: 2017

Custom Integrated Circuit Design for Portable Ultrasound Scanners
Publication: Research › Ph.D. thesis – Annual report year: 2017

Decay curves in coupled, reverberant spaces
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Decoupling Scheme for a Cryogenic Rx-Only RF Coil for 13C Imaging at 3T
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Demand Forecasting at Low Aggregation Levels using Factored Conditional Restricted Boltzmann Machine.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Demand response in a market environment
Publication: Research › Ph.D. thesis – Annual report year: 2016

Demand Response on domestic thermostatically controlled loads
Publication: Research › Ph.D. thesis – Annual report year: 2017

Design and Fabrication of Air-core Inductors for Power Conversion
Publication: Research - peer-review › Poster – Annual report year: 2016
Design and Implementation of High Frequency Buck Converter Using Multi-Layer PCB Inductor
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Design, characterization and modelling of high efficient solar powered lighting systems
Publication: Research - peer-review › Poster – Annual report year: 2016

Design, Characterization and Modelling of High Efficient Solar Powered Lighting Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Designing a master level course from scratch – where to start and how to proceed? Experience from course 31783
Marinelli, M. 2016
Publication: Research › Conference abstract for conference – Annual report year: 2016

Designing an array for performing Near-field Acoustic Holography with a small number of p-u probes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Designing high efficient solar powered lighting systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Designing high efficient solar powered lighting systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Design of Efficient Sound Systems for Low Voltage Battery Driven Applications
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Design of passive directional acoustic devices using Topology Optimization - from method to experimental validation
Publication: Research - peer-review › Journal article – Annual report year: 2016

Detection of icing on wind turbine blades by means of vibration and power curve analysis: Icing detection in wind turbines
Publication: Research - peer-review › Journal article – Annual report year: 2016

Determining intrafractional prostate motion using four dimensional ultrasound system
Publication: Research - peer-review › Journal article – Annual report year: 2016
Diagnosis for Control and Decision Support for Autonomous Vehicles
Publication: Research - peer-review › Book chapter – Annual report year: 2016

Diagnosis of bearing creep in wind turbine gearboxes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Diagnosis of wind turbine rotor system
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Difference between Extra- and Intracellular T1 Values of Carboxylic Acids Affects the Quantitative Analysis of Cellular Kinetics by Hyperpolarized NMR
Publication: Research - peer-review › Journal article – Annual report year: 2016

Diffuse sound field: challenges and misconceptions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Diffusion Retardation by Binding of Tobramycin in an Alginate Biofilm Model.
Publication: Research - peer-review › Journal article – Annual report year: 2016

Digital Control of a High Voltage (2.5 kV) Bidirectional Flyback DC-DC Converter for Driving a Capacitive Incremental Actuator
Publication: Research - peer-review › Journal article – Annual report year: 2016

Digitized self-oscillating loop for piezoelectric transformer-based power converters
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Directed graph based carbon flow tracing for demand side carbon obligation allocation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Direct Extraction of InP/GaAsSb/InP DHBT Equivalent-Circuit Elements From S-Parameters Measured at Cut-Off and Normal Bias Conditions
Johansen, T. K., Leblanc, R., Poulain, J. & Delmouly, V. 2016 In : I E E E Transactions on Microwave Theory and Techniques. 64, 1, p. 115-124
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Direct Reuse of Rare Earth Permanent Magnets - Wind Turbine Generator Case Study
Discussion on 'Of quantiles and expectiles: consistent scoring functions, Choquet representations and forecast rankings' by Werner Ehm, Tilmann Gneiting, Alexander Jordan and Fabian Krüger
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Disrupting the Industry with Play
Publication: Research - peer-review › Comment/debate – Annual report year: 2015

Dissolution Dynamic Nuclear Polarization capability study with fluid path
Publication: Research - peer-review › Conference article – Annual report year: 2017

Distributed Energy Resources Flexibility in a Multi-Carrier Energy System Environment
Richert, T. P. 2016
Publication: Research - peer-review › Journal article – Annual report year: 2016

Distribution Line Parameter Estimation Under Consideration of Measurement Tolerances
Publication: Research - peer-review › Journal article – Annual report year: 2017

Do wavelet filters provide more accurate estimates of reverberation times at low frequencies
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Dynamic Droop-Based Inertial Control of a Doubly-Fed Induction Generator
Publication: Research - peer-review › Journal article – Annual report year: 2016

Dynamic optimum dead time in piezoelectric transformer-based switch-mode power supplies
Publication: Research - peer-review › Journal article – Annual report year: 2016

Dynamic Subsidy Method for Congestion Management in Distribution Networks
Publication: Research - peer-review › Journal article – Annual report year: 2016

Economic Comparison of Electric Vehicles Performing Unidirectional and Bidirectional Frequency Control in Denmark with Practical Validation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Educational simulator app and web page for exploring Nuclear and Compass Magnetic Resonance
Hanson, L. G. 2016
Publication: Research - peer-review › Poster – Annual report year: 2016
Electric-Coupled Antenna for Hearing-Instrument Applications
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Electricity Markets Ontology to Support MASCEM's Simulations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Electric vehicle fleet management in smart grids: A review of services, optimization and control aspects
Publication: Research - peer-review › Journal article – Annual report year: 2016

Electromagnetic Fields at the Surface of Human-Body Cylinders
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Elimination of Second-Harmonics in CMUTs using Square Pulse Excitation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Ellipsoidal reflector for measuring otoacoustic emissions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

EMC Investigation of a Very High Frequency Self-oscillating Resonant Power Converter
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

EMC, RF, and Antenna Systems in Miniature Electronic Devices
Publication: Research › Ph.D. thesis – Annual report year: 2016

Endothelial derived hyperpolarization in vivo in hypertensive rats
Brasen, J. C., Stannov, S. U., Salomonsson, M. & Sorensen, C. M. 2016 In : Faseb Journal. 30
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2017

EnergyLab Nordhavn – Progress and Physical Implementation
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Energy Optimization for Distributed Energy Resources Scheduling with Enhancements in Voltage Stability Margin
Publication: Research - peer-review › Journal article – Annual report year: 2016
Enhanced Situational Awareness and Decision Support for Operators of Future Distributed Power Network Architectures
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Enhancing predicted efficacy of tumor treating fields therapy of glioblastoma using targeted surgical craniectomy: A computer modeling study
Publication: Research - peer-review › Journal article – Annual report year: 2016

Enhancing the Role of Electric Vehicles in the Power Grid: Field Validation of Multiple Ancillary Services
Knezovic, K., Martinenas, S., Andersen, P. B., Zecchino, A. & Marinelli, M. 2016 In : I E E E Transactions on Transportation Electrification. 3, 1, p. 201 - 209
Publication: Research - peer-review › Journal article – Annual report year: 2016

Ensemble regression model-based anomaly detection for cyber-physical intrusion detection in smart grids
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Estimating the Permittivity of Rogers 4003C Substrate at Low Frequencies for Application in a Superdirective First-Order Probe for SRF Measurements
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

European cold season lightning map for wind turbines based on radio soundings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Evaluating price-based demand response in practice – with application to the EcoGrid EU Experiment
Publication: Research - peer-review › Journal article – Annual report year: 2016

Evaluating the auralization of a small room in a virtual sound environment using objective room acoustic measures
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2017

Evaluating the auralization of a small room in a virtual sound environment using objective room acoustic measures
Ahrens, A., Marschall, M. & Dau, T. 2016
Publication: Research › Poster – Annual report year: 2017

Evaluation and understanding of Playware Technology – trials with playful balance training.
Publication: Research › Ph.D. thesis – Annual report year: 2016

Evaluation of a Modified High-Definition Electrode Montage for Transcranial Alternating Current Stimulation (tACS) of Pre-Central Areas
Publication: Research - peer-review › Journal article – Annual report year: 2016

Evaluation of different initial solution algorithms to be used in the heuristics optimization to solve the energy resource scheduling in smart grids
Evaluation of Electric Vehicle Charging Controllability for Provision of Time Critical Grid Services
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Evaluation of healthy muscle tissue by strain and shear wave elastography – Dependency on depth and ROI position in relation to underlying bone
Publication: Research - peer-review › Journal article – Annual report year: 2016

Evaluation of Shipboard Wave Estimation Techniques through Model-scale Experiments
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Evaluation of uterine ultrasound imaging in cervical radiotherapy; a comparison of autoscan and conventional probe
Baker, M., Cooper, D. T. & Behrens, C. F. 2016 In : British Journal of Radiology. 89, 1066, 8 p., 20160510
Publication: Research - peer-review › Journal article – Annual report year: 2016

Exhaust Recirculation Control for Reduction of NOx from Large Two-Stroke Diesel Engines
Publication: Research › Ph.D. thesis – Annual report year: 2017

Experimental 3-D Vector Velocity Estimation with Row-Column Addressed Arrays
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Experimental and numerical comparison of absorption optimization in small rooms
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Experimental Investigation of Comparative Process Capabilities of Metal and Ceramic Injection Molding for Precision Applications
Publication: Research - peer-review › Journal article – Annual report year: 2016

Experimental Testing and Model Validation of a Decoupled-Phase On-Load Tap Changer Transformer in an Active Network
Publication: Research - peer-review › Journal article – Annual report year: 2016

Explicit model predictive control applications in power systems: an AGC study for an isolated industrial system
Publication: Research - peer-review › Journal article – Annual report year: 2016

Exploring the Relationship Between Working Memory, Compressor Speed, and Background Noise Characteristics
Ohlenforst, B., Souza, P. E. & MacDonald, E. 2016 In : Ear and Hearing. 37, 2, p. 137-143
Publication: Research - peer-review › Journal article – Annual report year: 2016
Extériorisation sonore avec des indices auditifs et visuels discordants
CFA2016/254
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Eye-head stabilization mechanism for a humanoid robot tested on human inertial data
Publication: Research - peer-review › Conference article – Annual report year: 2016

Fabrication of 3D Air-core MEMS Inductors
Lê Thanh, H., Mizushima, I., Tang, P. T., Ouyang, Z., Jensen, F. & Han, A. 2016
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Fabrication of Capacitive Micromachined Ultrasonic Transducers Using a Boron Etch-Stop Method
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Fast and Reliable Primary Frequency Reserves From Refrigerators with Decentralized Stochastic Control
Publication: Research - peer-review › Journal article – Annual report year: 2016

Fault diagnosis of active magnetic bearings based on Gaussian GLRT detector
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Fault Tolerant Emergency Control to Preserve Power System Stability
Publication: Research - peer-review › Journal article – Annual report year: 2015

Feasibility study of injection mouldable conductive plastic for the hearing aid applications
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Feature Extraction Using Discrete Wavelet Transform for Gear Fault Diagnosis of Wind Turbine Gearbox
Publication: Research - peer-review › Journal article – Annual report year: 2016

Finite-Element Model-Based Design Synthesis of Axial Flux PMBLDC Motors
Publication: Research - peer-review › Journal article – Annual report year: 2016

First- and Second-level Bayesian Inference of Flow Resistivity of Sound Absorber and Room's Influence
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016
Force Factor Modulation in Electro Dynamic Loudspeakers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Forecasting and observability: critical technologies for system operations with high PV penetration
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Frequency Stability Improvement of Low Inertia Systems Using Synchronous Condensers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Fuzzy predictive filtering in nonlinear economic model predictive control for demand response
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Gate Design in Injection Molding of Microfluidic Components Using Process Simulations
Publication: Research - peer-review › Journal article – Annual report year: 2016

General Analysis of Vacuum Circuit Breaker Switching Overvoltages in Offshore Wind Farms
Publication: Research - peer-review › Journal article – Annual report year: 2016

Generation and evaluation of space-Time trajectories of photovoltaic power
Publication: Research - peer-review › Journal article – Annual report year: 2016

Generation Expansion Planning with Large Amounts of Wind Power via Decision-Dependent Stochastic Programming
Publication: Research - peer-review › Journal article – Annual report year: 2016

Generation of scenarios from calibrated ensemble forecasts with a dual ensemble copula coupling approach
Publication: Research - peer-review › Journal article – Annual report year: 2017

Generator bearing defect development based on discrete fault stages
Publication: Research › Poster – Annual report year: 2016

Geometry of power flows and convex-relaxed power flows in distribution networks with high penetration of renewables
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Grey-box Modelling of a Household Refrigeration Unit Using Time Series Data In Application to Demand Side Management
Grid - a fast threshold tracking procedure
Fereczkowski, M., Dau, T. & MacDonald, E. 2016 Advances in Acoustics. Institute of Fundamental Technological Research (IPPT), Warsaw, p. 545-553
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Grid-connected Photovoltaic Micro-inverter with New Hybrid Control LLC Resonant Converter
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Grid Frequency Support by Single-Phase Electric Vehicles Employing an Innovative Virtual Inertia Controller
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Grid Frequency Support by Single-Phase Electric Vehicles: Fast Primary Control Enhanced by a Stabilizer Algorithm
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Guest Editorial for Special Issue: Distributed & Autonomous Dispatch and Control for Active Distribution Networks/Microgrids Potential Scheme to Realise Plug & Play of DER
Publication: Research › Editorial – Annual report year: 2017

Hardware-in-the-loop (HIL) Test of Demand as Frequency Controlled Reserve (DFR)
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Hierarchical Control of Thermostatically Controller Loads for Primary Frequency Control
Publication: Research - peer-review › Journal article – Annual report year: 2016

High Dynamic Performance Nonlinear Source Emulator
Publication: Research - peer-review › Journal article – Annual report year: 2016

High Efficiency Non-isolated Three Port DC-DC Converter for PV-Battery Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

High Efficiency Power Converter for a Doubly-fed SOEC/SOFC System
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

High-field dissolution dynamic nuclear polarization of [1-13C]pyruvic acid
Publication: Research - peer-review › Journal article – Annual report year: 2016
High Frame Rate Synthetic Aperture 3D Vector Flow Imaging  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

High frame rate synthetic aperture vector flow imaging for transthoracic echocardiography  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

High Frequency AC Inductor Analysis and Design for Dual Active Bridge (DAB) Converters  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

High-resolution kinetics and modeling of hydrogen peroxide degradation in live cells  
Publication: Research - peer-review › Journal article – Annual report year: 2016

High-voltage integrated transmitting circuit with differential driving for CMUTs  
Publication: Research - peer-review › Journal article – Annual report year: 2016

HP Xenon by d-DNP using the clinical GE SPINlab polarizer system  
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

H∞ Robust Current Control for DFIG Based Wind Turbine subject to Grid Voltage Distortions  
Publication: Research - peer-review › Journal article – Annual report year: 2016

Hybrid Segmentation of Vessels and Automated Flow Measures In In-Vivo Ultrasound Imaging  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Hyperpolarised Organic Phosphates as NMR Reporters of Compartmental pH  
Publication: Research - peer-review › Journal article – Annual report year: 2015

Hyperpolarized 13C MR angiography  
Publication: Research - peer-review › Journal article – Annual report year: 2015

Hyperpolarized 13C Urea Relaxation Mechanism Reveals Renal Changes in Diabetic Nephropathy  
Publication: Research - peer-review › Journal article – Annual report year: 2015

Identifying and characterizing the impact of turbine icing on wind farm power generation: Impact of turbine icing on wind farm production  
Publication: Research - peer-review › Journal article – Annual report year: 2016
Imaging of In-Vivo Pressure using Ultrasound
Olesen, J. B., Jensen, J. A. & Traberg, M. S. 2016 Technical University of Denmark, Department of Electrical Engineering . 206 p.
Publication: Research › Ph.D. thesis – Annual report year: 2016

Imaging Renal Urea Handling in Rats at Millimeter Resolution using Hyperpolarized Magnetic Resonance Relaxometry
Publication: Research - peer-review › Journal article – Annual report year: 2016

Impact of Background Noise and Sentence Complexity on Processing Demands during Sentence Comprehension
Wendt, D., Dau, T. & Hjortkjær, J. 2016 In : Frontiers in Psychology. 7, 12 p., 345
Publication: Research - peer-review › Journal article – Annual report year: 2016

Impact of Inter- and Intra-Regional Coordination in Markets With a Large Renewable Component
Publication: Research - peer-review › Journal article – Annual report year: 2016

Impact of Renewable Energy Forecast Imperfections on Market-Clearing Outcomes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Impacts of ramping inflexibility of conventional generators on strategic operation of energy storage facilities
Publication: Research - peer-review › Journal article – Annual report year: 2016

Impedance estimation of a finite absorber based on spherical array measurements
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Implementation of a Dual on Die 140 V Super-Junction Power Transistors
Publication: Research - peer-review › Poster – Annual report year: 2016

Improved dq-Axes Model of PMSM Considering Airgap Flux Harmonics and Saturation
Publication: Research - peer-review › Journal article – Annual report year: 2016

Improved Kayaking Ergometer Using a Switch-mode Converter Driven Alternator
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Improved Thévenin equivalent methods for real-time voltage stability assessment
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Improving topology optimization intuition through games
Interactive web site and app for early magnetic resonance education
Publication: Research - peer-review » Conference abstract in journal – Annual report year: 2016

In-the-Ear Circular-Shaped Balanced Inverted-A Antenna for Hearing Instruments
Publication: Research - peer-review » Journal article – Annual report year: 2016

Intra-operative Vector Flow Imaging Using Ultrasound of the Ascending Aorta among 40 Patients with Normal, Stenotic and Replaced Aortic Valves
Publication: Research - peer-review » Journal article – Annual report year: 2016

Intrinsic Nonlinearities and Layout Impacts of 100 V Integrated Power MOSFETs in Partial SOI Process
Publication: Research - peer-review » Poster – Annual report year: 2016

Introducing distributed learning approaches in wind power forecasting
Publication: Research - peer-review » Article in proceedings – Annual report year: 2016

Investigating Enhancement Mode Gallium Nitride Power FETs in High Voltage, High Frequency Soft Switching Converters
Publication: Research - peer-review » Article in proceedings – Annual report year: 2016

Investigating low-frequency compression using the Grid method
Publication: Research - peer-review » Article in proceedings – Annual report year: 2016

Investigating tumor perfusion by hyperpolarized (13) C MRI with comparison to conventional gadolinium contrast-enhanced MRI and pathology in orthotopic human GBM xenografts: Correlation of (13)C Perfusion Imaging and Gd-Enhanced Contrast MRI
Publication: Research - peer-review » Journal article – Annual report year: 2016

Investigation of Grid-connected Voltage Source Converter Performance under Unbalanced Faults
Publication: Research - peer-review » Article in proceedings – Annual report year: 2016

Investigation of phase-wise voltage regulator control logics for compensating voltage deviations in an experimental low voltage network
Publication: Research - peer-review » Journal article – Annual report year: 2016

Investigation of Transformer Winding Architectures for High Voltage (2.5 kV) Capacitor Charging and Discharging Applications
Publication: Research - peer-review » Journal article – Annual report year: 2016
In Vivo High Frame Rate Vector Flow Imaging Using Plane Waves and Directional Beamforming
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Key requirements for future control room functionality
Publication: Research - peer-review › Report – Annual report year: 2016

Kurtosis as a diffuseness measure
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Kurtosis of room impulse responses as a diffuseness measure for reverberation chambers
Publication: Research - peer-review › Journal article – Annual report year: 2016

Large dose hyperpolarized water with dissolution-DNP at high magnetic field
Publication: Research - peer-review › Journal article – Annual report year: 2016

Large field-of-view transmission line resonator for high field MRI
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Large scale three-dimensional topology optimisation of heat sinks cooled by natural convection
Publication: Research - peer-review › Journal article – Annual report year: 2016

Laterialized speech perception in normal-hearing and hearing-impaired listeners and its relationship to temporal processing
Santurette, S., Dau, T., Dalsgaard, J. C., Tranebjaerg, T. & Andersen, T. (eds.). p. 389-396
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Layout Capacitive Coupling and Structure Impacts on Integrated High Voltage Power MOSFETs
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Lightning Attachment Estimation to Wind Turbines by Utilizing Lightning Location Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Lightning Damage to Wind Turbine Blades From Wind Farms in the U.S.
Lightning Location System Data from Wind Power Plants Compared to Meteorological Conditions of Warm- and Cold Thunderstorm Events
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Logo Antenna for 5.8 GHz Wireless Communications
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Logo Antenna for 5.8 GHz Wireless Communications (invited)
Publication: Research - peer-review › Journal article – Annual report year: 2016

Loss Distribution Analysis of a Three-Port Converter for Low-Power Stand-Alone Light-to-Light Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Lower Bounds on Q for Finite Size Antennas of Arbitrary Shape
Kim, O. S. 2016 In : IEEE Transactions on Antennas and Propagation. 64, 1, p. 146-154
Publication: Research - peer-review › Journal article – Annual report year: 2016

Lower bounds on Q of some dipole shapes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Mantle cloaks for elliptical cylinders excited by an electric line source
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Measuring Motion-Induced B0-Fluctuations in the Brain Using Field Probes
Publication: Research - peer-review › Journal article – Annual report year: 2016

Metalearning to support competitive electricity market players’ strategic bidding
Publication: Research - peer-review › Journal article – Annual report year: 2016

Methods and Strategies for Overvoltage Prevention in Low Voltage Distribution Systems with PV
Publication: Research - peer-review › Journal article – Annual report year: 2016

Microwave-gated dynamic nuclear polarization
Publication: Research - peer-review › Journal article – Annual report year: 2016
Mixed H2/H∞ Pitch Control of Wind Turbine with a Markovian Jump Model
Publication: Research - peer-review › Journal article – Annual report year: 2016

Model-based fitting of compression settings using narrowband stimuli
Kowalewski, B., Fereczkowski, M., MacDonald, E., Strelyk, O. & Dau, T. 2016
Publication: Research › Poster – Annual report year: 2016

Modeling and experimental testing activity of the Voltage Optimization Unit.: Testing activity of the distribution transformer with single-phase on-load tap changer in an experimental low voltage network and investigation of different control logics.
Publication: Research - peer-review › Report – Annual report year: 2016

Modeling and imaging of the vocal fold vibration for voice health.
Publication: Research › Ph.D. thesis – Annual report year: 2016

Modeling spectro-temporal modulation perception in normal-hearing listeners
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Modelling the effect of pulse-rate on coding of interaural time differences in listeners with cochlear implants
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2017

Modelling the Perceptual Components of Loudspeaker Distortion
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Model Predictive Control of Sewer Networks
Publication: Research - peer-review › Conference article – Annual report year: 2017

Model reduction for optimization of structural-acoustic coupling problems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

MPC control of water supply networks
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Multi-agent based modeling for electric vehicle integration in a distribution network operation
Publication: Research - peer-review › Journal article – Annual report year: 2016

Multi-objective optimization control of plug-in electric vehicles in low voltage distribution networks.
Multisnapshot Sparse Bayesian Learning for DOA
Publication: Research - peer-review › Journal article – Annual report year: 2017

Muscle growth is reduced in 15-month-old children with cerebral palsy
Publication: Research - peer-review › Journal article – Annual report year: 2016

Near-field acoustic imaging based on Laplacian sparsity
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Neurofeedback Therapy for Enhancing Visual Attention: State-of-the-Art and Challenges
Publication: Research - peer-review › Journal article – Annual report year: 2016

New Incremental Actuators based on Electro-active Polymer: Conceptual, Control, and Driver Design Considerations.
Publication: Research - peer-review › Journal article – Annual report year: 2016

Non-foster impedance matching sensitivity of electrically small electric and magnetic spherical dipole antennas
Yoon, I-J., Christensen, S., Zhurbenko, V., Kim, O. S. & Breinbjerg, O. 2016 In : Electronics Letters. 52, 12, p. 996-998
Publication: Research - peer-review › Journal article – Annual report year: 2016

Nonlinear Economic Model Predictive Control Strategy for Active Smart Buildings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Nonlinear Parasitic Capacitance Modelling of High Voltage Power MOSFETs in Partial SOI Process
Publication: Research - peer-review › Journal article – Annual report year: 2016

Numerical modeling of double-negative acoustic metamaterials: Should losses be included?
Cutanda Henriquez, V., Andersen, P. R. & Sánchez-Dehesa, J. 2016
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016
Objective and Perceptual Evaluation of a Virtual Sound Environment System.
Cubick, J. & Dau, T. 2016
Publication: Research - peer-review › Poster – Annual report year: 2016

Objective assessment of stream segregation abilities of CI users as a function of electrode separation
Publication: Research › Poster – Annual report year: 2016

OffshoreDC DC grids for integration of large scale wind power
Publication: Research › Report – Annual report year: 2016

On-Line Generation and Arming of System Protection Schemes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

On nanostructured silicon success
Sigmund, O., Jensen, J. S. & Frandsen, L. H. 2016 In : Nature Photonics. 10, 3, p. 142-143
Publication: Research - peer-review › Letter – Annual report year: 2016

On-site and laboratory soundscape evaluations of three recreational urban spaces
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2016

On the Modified Barkhausen Criterion
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

On the (non-)optimality of Michell structures
Sigmund, O., Aage, N. & Andreassen, E. 2016 In : Structural and Multidisciplinary Optimization. 54, 2, p. 361–373
Publication: Research - peer-review › Journal article – Annual report year: 2016

On the present and future of dissolution-DNP
Ardenkjær-Larsen, J. H. 2016 In : Journal of Magnetic Resonance. 264, p. 3-12
Publication: Research - peer-review › Journal article – Annual report year: 2016

On the use of a variational technique based on integral equations for plane acoustic and vibro-acoustic problems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Optimal Active Power Control of A Wind Farm Equipped with Energy Storage System based on Distributed Model Predictive Control
Publication: Research - peer-review › Journal article – Annual report year: 2016

Optimal Allocation of Smart Substations in a Distribution System Considering Interruption Costs of Customers
Publication: Research - peer-review › Journal article – Annual report year: 2016
Optimization of Synthetic Aperture Image Quality
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Optimization Procedure for Wideband Matched Feed Design
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Optimized Plane Wave Imaging for Fast and High-Quality Ultrasound Imaging
Publication: Research - peer-review › Journal article – Annual report year: 2016

Oscillation-Driven Spike-Timing Dependent Plasticity Allows Multiple Overlapping Pattern Recognition in Inhibitory Interneuron Networks
Publication: Research - peer-review › Journal article – Annual report year: 2016

Outcome measures based on classification performance fail to predict the intelligibility of binary-masked speech
Publication: Research - peer-review › Journal article – Annual report year: 2016

Oxygen metabolic competition in the lactic acidotic diabetic kidney: A point of no return?
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2016

PARISM - en rumsakustisk simuleringsmodell för vanliga lokaler
Publication: Communication › Journal article – Annual report year: 2016

Perceptual Spaces Induced by Cochlear Implant All-Polar Stimulation Mode
Marozeau, J. & McKay, C. M. 2016 In : Trends in Hearing. 20, 0, 9
Publication: Research - peer-review › Journal article – Annual report year: 2016

Performance Comparison of 10G-Class Partial Response Multilevel Modulation Formats in Access Network Scenarios with Limited Electronic Bandwidth
Publication: Research - peer-review › Poster – Annual report year: 2017

Phaseless Near-Field Antenna Measurement Techniques – An Overview
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Phase-wise enhanced voltage support from electric vehicles in a Danish low-voltage distribution grid
Publication: Research - peer-review › Journal article – Annual report year: 2016

Photovoltaic OLED Driver for Low-Power Stand-Alone Light-to-Light Systems
Publication: Research - peer-review › Journal article – Annual report year: 2016
Pitch Discrimination in Musicians and Non-Musicians: Effects of Harmonic Resolvability and Processing Effort  
Publication: Research - peer-review › Journal article – Annual report year: 2015

Plane-Wave Imaging Challenge in Medical Ultrasound  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Polarization-, carrier-, and format-selectable optical flow generation based on a multi-flow transmitter using passive polymers  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Population Dynamics for Renewables in Electricity Markets: A Minority Game View  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Portable Prescreening System for Sleep Apnea  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Power enhancement of piezoelectric transformers for power supplies.  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Power Oscillation Damping from VSC-HVDC Connected Offshore Wind Power Plants  
Publication: Research - peer-review › Journal article – Annual report year: 2016

Predicting binaural speech intelligibility using the signal-to-noise ratio in the envelope power spectrum domain  
Publication: Research - peer-review › Journal article – Annual report year: 2016

Predicting Detectability and Annoyance of EV Warning Sounds using Partial Loudness  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Predicting effects of non-linear frequency compression and impulse-noise suppression on consonant perception  
Publication: Research - peer-review › Poster – Annual report year: 2016

Predicting masking release of lateraled speech  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Predicting speech intelligibility based on a correlation metric in the envelope power spectrum domain  
Predicting the Sabine absorption coefficients of fibrous absorbers for various air backing conditions with a frequency-dependent diffuseness correction

Preliminary investigation of an ultrasound method for estimating pressure changes in deep-positioned vessels.

Preventing Distribution Grid Congestion by Integrating Indirect Control in a Hierarchical Electric Vehicles Management System

Probabilistic energy forecasting: Global Energy Forecasting Competition 2014 and beyond

Probabilistic modeling of nodal electric vehicle load due to fast charging stations

Probabilistic Wind Power Forecasting with Hybrid Artificial Neural Networks

Probing treatment response of glutaminolytic prostate cancer cells to natural drugs with hyperpolarized [5-13C]glutamine

Procedure for Validation of Aggregators Providing Demand Response

Projects:

Hybrid synchronous condenser system design and control for enhanced grid services
Nuhic, M., Yang, G., Brozio, C. & Rivas, R. A.
01/04/2018 → 31/03/2021
Project: PhD

Modelling of Cardiac Biomechanics
Hvid, R., Traberg, M. S., Jensen, J. A. & Stuart, M. B.
01/04/2018 → 31/03/2021
Project: PhD
Nano-Photonic Circuits for Optical Communication (provisional)
Gür, U. M., Mattes, M., Arslanagic, S. & Gregersen, N.
01/03/2018 → 28/02/2021
Project: PhD

Optimization of loudspeakers using material and shape optimization
Nielsen, D. G., Agerkvist, F. T. & Jensen, J. S.
01/03/2018 → 28/02/2021
Project: PhD

Optimization and Market Integration of Multi-Area AC/HVDC Grids under Uncertainty
Tosatto, A., Pinson, P., Chatzivasileiadis, S. & Weckesser, J. T. G.
01/02/2018 → 31/01/2021
Project: PhD

The influence of vision on spatial hearing of hearing-impaired listeners
Huisman, T., MacDonald, E., Dau, T. & Piechowiak, T.
01/02/2018 → 31/01/2021
Project: PhD

Dynamic Nuclear Polarization with Labile Radicals
Gunnarsson, C. P., Ardenkjær-Larsen, J. H., Capozzi, A. & Karlsson, M.
01/01/2018 → 31/12/2020
Project: PhD

Enhanced Stability and Control of AC/HVDC Grids in Varying Inertis Systems
Misyris, G., Nielsen, A. H., Chatzivasileiadis, S. & Weckesser, J. T. G.
01/01/2018 → 31/12/2020
Project: PhD

Enhancing the role of electric vehicles for a proactive integration in global power systems
Thingvad, A., Marinelli, M., Hu, J. & Traeholt, C.
01/01/2018 → 31/12/2020
Project: PhD

Metabolomics using Dissolution DNP-NMR
Frahm, A. B., Lerche, M. H. & Jensen, P. R.
01/01/2018 → 31/12/2020
Project: PhD

Real time dynamic rating condition monitoring of offshore wind farm export systems
Kazmi, S. H. H., Holbøll, J., Herskind Olesen, T. & Sørensen (fratrådt), T.
01/01/2018 → 31/12/2020
Project: PhD

Assessing Hearing Device Benefit using Virtual Sound Environments
Mansour, N., Dau, T., Marschall, M. & Westermann, A.
01/12/2017 → 30/11/2020
Project: PhD

Auditory Training Strategies to Improve Speech Intelligibility in Hearing-Impaired Listeners
Koprowska, A., Dau, T., Santurette, S. & Serman, M.
01/12/2017 → 30/11/2020
Project: PhD
Metabolic Responses to Bacterial Pathogens
Nydahl, T. K., Jensen, P. R. & Lerche, M. H.
01/12/2017 → 30/11/2020
Project: PhD

Development of methods for element-wise assessment of oscillatory rotor-angle stability
Müller, D., Nielsen, A. H., Johannson, H. & Uhlen, K.
01/11/2017 → 31/10/2020
Project: PhD

Investigation of the relationships between the subjective assessment and objective parameters of music listening spaces
Wincentz, J. N., Jeong, C., Brunskog, J. & Gade, A. C.
15/10/2017 → 14/10/2021
Project: PhD

Design Approaches for Terahertz Electronics using Active Device Configurations
Turhaner, A., Johansen, T. K. & Boppel, S.
01/10/2017 → 30/09/2020
Project: PhD

3D Ultrasound Cardiac Vector Flow Imaging
Parkhomenko, K., Stuart, M. B., Jensen, J. A. & Traberg, M. S.
01/09/2017 → 31/08/2020
Project: PhD

Advanced Game-Theoretical Aspects in Electricity Markets
Dvorkin, V., Pinson, P. & Kazempour, J.
01/09/2017 → 31/08/2020
Project: PhD

Efficient and Scalable Market Design for Renewable-based Integrated Energy Systems
Schwele, A., Pinson, P. & Kazempour, J.
01/09/2017 → 31/08/2020
Project: PhD

Optimal Dispatch and Online Control of Integrated Energy Systems
Nie, Y., Wu, Q. & Huang, S.
01/09/2017 → 30/11/2017
Project: PhD

Optimized Seamless Transfer System for DG Inverter
Sun, B., Zhang, Z. & Andersen, M. A. E.
01/09/2017 → 31/08/2020
Project: PhD

Perfusion Ultrasound Imaging
Schou, M., Jensen, J. A. & Stuart, M. B.
01/09/2017 → 31/08/2020
Project: PhD

Robust Congestion Management and Self-healing for Active Distribution Networks
Shen, F., Wu, Q., Huang, S. & Xu, Y.
01/09/2017 → 31/08/2020
Project: PhD
**Detection and evaluation of abnormal events in complex industrial processes**
Hallgrimsson, A. D., Niemann, H. H. & Lind, M.
15/08/2017 → 14/08/2020
Project: PhD

**Prospective Motion Correction in Magnetic Resonance Imaging**
Laustsen, M., Hanson, L. G., Madsen, K. H. & Xue, R.
01/08/2017 → 31/07/2020
Project: PhD

**Brain-Computer Interface Controlled Functional Electrical Stimulation as a Complete Neurorehabilitation Tool for Post-Stroke Patients**
Møller, J. S., Puthusserypady, S., Iversen, H. K. & Larsson, H. B.
01/06/2017 → 31/05/2020
Project: PhD

**Miniaturized AC-DC offline converters for Solid State Lighting Applications**
Ammar, A. M., Knott, A. & Jørgensen, I. H. H.
01/06/2017 → 31/05/2020
Project: PhD

**Optimization, Control, and Stability of AC-DC Grids under Uncertainty**
Venzke, A., Pinson, P. & Chatzivasileiadis, S.
01/06/2017 → 31/05/2020
Project: PhD

Hildebrandt, C. B., Nielsen, A. H., Jóhannsson, H. & Sommer, S. H.
15/05/2017 → 14/05/2020
Project: PhD

**Innovative Methods for Optimal Operation of Multiple HVDC Connections and Grids**
Chatzivasileiadis, S. & Østergaard, J.
01/05/2017 → 30/04/2021
Project

**Development of continuous non-invasive monitoring system for early detection and prevention of serious morbidity and mortality after abdominal cancer-surgery**
Olsen, R. M., Sørensen, H. B. D., Aasvang, E. K. & Meyhoff, C. S.
01/05/2017 → 30/04/2020
Project: PhD

**Market design and operations for Energy Collectives**
Moret, F., Pinson, P. & Papakonstantinou, A.
01/05/2017 → 30/04/2020
Project: PhD

**Real time sound field control for outdoor concerts - silent zones, adaptation and objective-subjective performance**
Plewe, D., Agerkvist, F. T., Brunskog, J. & Fernandez Grande, E.
01/05/2017 → 30/04/2020
Project: PhD

**Cryogenic Receiver Array Coils for Hyperpolarized Magnetic Resonance**
Baron, R. A., Ardenkjær-Larsen, J. H., Grivel, J. & Zhurbenko, V.
15/04/2017 → 14/04/2020
Project: PhD
The effect of hearing loss and noise on conversational dynamics
Sørensen, A. J., MacDonald, E. & Lunner, T. F.
15/04/2017 → 14/04/2020
Project: PhD

Across Continents Electric Vehicle Services
Marinelli, M., Traeholt, C., Sørensen, T. M., Andersen, P. B., Hu, J., Zecchino, A., Thingvad, A. & Pedersen, A. B.
01/04/2017 → 30/09/2020
Project

Design of pervasive systems for chronic sleep/brain disorders
Olsen, M., Sørensen, H. B. D., Jennum, P. & Mignot, E.
01/04/2017 → 31/03/2020
Project: PhD

Modelling and Control of Multi-Energy System for Wind Power Integration
Chyhryn, S., Bindner, H. W., You, S. & Zong, Y.
01/04/2017 → 31/03/2020
Project: PhD

Next generation Power Supplies and their applications in mobility and electrolysis
Jørgensen, K. L., Zhang, Z. & Andersen, M. A. E.
15/02/2017 → 14/02/2020
Project: PhD

Control of Flywheel energy storage in the role of peak power reduction
D’Ambrosio, A., Mijatovic, N. & Vikelgaard, H. H.
01/02/2017 → 31/01/2020
Project: PhD

Miniaturized Power Factor Correction in Solid State Lighting Applications
Spliid, F. M., Knott, A. & Jørgensen, I. H. H.
01/02/2017 → 31/01/2020
Project: PhD

Topology optimization of acoustic-mechanical interaction
Dilgen, S. B., Jensen, J. S. & Aage, N.
01/02/2017 → 31/01/2020
Project: PhD

A Biomimetic Learning Control Scheme for control of Modular Robots
Tolu, S.
16/01/2017 → 14/01/2019
Project

Learning-based Model Predictive Control of Spray Dryers
Miklos, R., Niemann, H. H., Jørgensen, J. B., Petersen, L. N., Poulsen, N. K. & Utzen, C.
01/01/2017 → 31/12/2019
Project: PhD

Biomedical Signal Processing for Improved Diagnosis of Sleep Disorders and Brain Diseases
Olesen, A. N., Sørensen, H. B. D., Jennum, P. & Mignot, E.
15/12/2016 → 14/12/2019
Project: PhD
Efficient low frequency room acoustic modelling
Mondet, B. J., Brunskog, J., Christensen, C. L. & Jeong, C.
15/12/2016 → 14/12/2019
Project: PhD

Integration of Gas, District Heating and the Electric Power Systems- Integrated Simulation Framework
Wang, J., Traeholt, C., You, S. & Zong, Y.
15/12/2016 → 14/12/2019
Project: PhD

Outdoor Sound Propagation and Monitoring for Sound Field Control Applications
Caviedes Nozal, D., Brunskog, J., Agerkvist, F. T. & Fernandez Grande, E.
15/12/2016 → 14/12/2019
Project: PhD

Sound field control for outdoor concerts
Heuchel, F. M., Agerkvist, F. T., Brunskog, J. & Fernandez Grande, E.
15/12/2016 → 14/12/2019
Project: PhD

Impedance calibration and measurement techniques in hearing diagnostics
01/12/2016 → 30/11/2019
Project: PhD

Optimized utilization of transmission grid capacity - Dynamic rating versus grid performance
Viafora, N., Holbøll, J. & Kristensen, A. S.
15/11/2016 → 14/11/2019
Project: PhD

Architecture acoustics: an improved design process using integrated hybrid room acoustic simulations
Pind Jørgensson, F. K., Jeong, C., Engsig-Karup, A. P. & Strømann-Andersen, J. B.
01/11/2016 → 31/10/2019
Project: PhD

Predicting and mobilizing energy flexibility in intelligent buildings
Christensen, M. H., Pinson, P. & Rønsberg, S.
01/11/2016 → 31/10/2019
Project: PhD

Design of Knowledge-Driven and Data-Driven Algorithms for Neurodegenerative Diseases
Cesari, M., Sørensen, H. B. D., Christensen, J. A. E. & Jennum, P.
15/10/2016 → 14/10/2019
Project: PhD

PV LED ENGINE 10
Poulsen, P. B., Ploug, R. O., Thorsteinsson, S. & Kejlberg, J.
01/10/2016 → 30/09/2017
Project

Design Approaches for Terahertz electronics using Active Device Configurations
Zhang, Y., Johansen, T. K., Tafur Monroy, I. & Weimann, N.
01/10/2016 → 23/04/2017
Project: PhD
Functional Modeling of water treatment system
Nielsen, E. K., Ravn, O., Lind, M. & Sin, G.
01/10/2016 → 30/09/2019
Project: PhD

Situation-aware control solutions for enabling smart network services
Cai, H., Bindner, H. W. & You, S.
01/10/2016 → 30/09/2019
Project: PhD

Tool Sets for System Operators in Future Market Setting
Heinrich, C., Bindner, H. W. & You, S.
15/09/2016 → 25/04/2020
Project: PhD

Combining functional modeling and reasoning with on-line event analytics
Kirchhübel, D., Ravn, O. & Lind, M.
01/09/2016 → 31/08/2019
Project: PhD

Parker project
Andersen, P. B., Marinelli, M. & Sørensen, T. M.
01/08/2016 → 31/07/2018
Project

Aided performance of hearing-aid users in realistic listening situations
Pedersen, A. K., Dau, T., Bianchi, F. & Santurette, S.
01/08/2016 → 31/03/2017
Project: PhD

Clinical auditory profiling and hearing-aid fitting strategies
Sanchez Lopez, R.
01/07/2016 → 01/07/2019
Project

Clinical auditory profiling and hearing-aid fitting strategies
Sanchez Lopez, R., Dau, T., Bianchi, F. & Santurette, S.
01/07/2016 → 30/06/2019
Project: PhD

Effect of room acoustics and head movements on aided and unaided sound-field auditory steady state response (ASSR) measurements
Zapata Rodriguez, V., Jeong, C., Brunskog, J., Harte, J. & Laugesen, S.
01/07/2016 → 30/06/2019
Project: PhD

A Live PV Testing Platform for Larger Adoption
Yang, G.
01/06/2016 → 30/09/2018
Project

Data-driven Condition Monitoring of Switches and Crossings
Barkhordari, P., Galeazzi, R. & Blanke, M.
01/06/2016 → 31/05/2019
Project: PhD
Voltage Stability in RES based power systems
Karatas, B. C., Nielsen, A. H. & Jóhannsson, H.
15/05/2016 → 14/05/2019
Project: PhD

PV LED ENGINE
Poulsen, P. B. & Knott, A.
01/05/2016 → 30/04/2017
Project

Advanced Design Methods for Active Distribution Networks
Klyapovskiy, S., Bindner, H. W. & You, S.
01/05/2016 → 30/04/2019
Project: PhD

Hyperpolarized Parallel MRI
Hansen, R. B., Ardenkjær-Larsen, J. H. & Hanson, L. G.
01/05/2016 → 30/04/2019
Project: PhD

Nonlinear fractional order derivative models of components and materials in hearing aids and transducers
King, A. W., Agerkvist, F. T., Brunskog, J. & Jensen, J. S.
01/05/2016 → 30/04/2019
Project: PhD

Human Brain Project. Subproject 10 Neurorobotics Platform
Tolu, S., Lund, H. H., Capolei, M. C. & Corchado Miralles, C.
01/04/2016 → 01/04/2018
Project

Security Assessment of Renewable Power Systems
Jóhannsson, H., Sørensen, P. E., Karatas, B. C., Sarkar, M. & Hildebrandt, C. B.
01/04/2016 → 31/03/2020
Project

Classification and aggregation of energy components
Richert, T. P., Bindner, H. W., Gehrke, O. & Madsen, H.
01/04/2016 → 31/03/2019
Project: PhD

Electric Vehicle Integration in an Energy - Optimized Neighbourhood
Gjelaj, M., Træholt, C., Andersen, P. B. & Hashemi Toghroljerdi, S.
01/04/2016 → 31/03/2019
Project: PhD

Security assessment and protection of cyber-physical energy systems
Rasmussen, T. B., Yang, G., Dong, Z. Y. & Nielsen, A. H.
01/04/2016 → 31/03/2019
Project: PhD

Toolsets development for DER aggregators providing concurrent services
Ziras, C., Bindner, H. W. & You, S.
01/04/2016 → 31/03/2019
Project: PhD
Module Integrated Converter for Photovoltaic Systems
bin Abdul Rahman, N., Andersen, M. A. E. & Ouyang, Z.
15/03/2016 → 14/03/2019
Project: PhD

Convergence of Electronics and Photonics Technologies for Enabling Terahertz Applications
Tafur Monroy, I., Johansen, T. K. & Reippuer, M.
01/03/2016 → 29/02/2020
Project

Perceptual consequences of noise-induced neural degeneration in humans
Holtegaard, P., Epp, B., Dau, T. & Mehraeli, G.
01/03/2016 → 28/02/2019
Project: PhD

Triple resonant electromagnetic structures for polarization transfer in DNP
Albannay, M., Ardenkjær-Larsen, J. H., Bowen, S. & Zhurbenko, V.
01/03/2016 → 28/02/2019
Project: PhD

Reconfigurable Modular Robotic System for Aquatic Environment
Galeazzi, R., Christensen, D. J., Mariani, P., Visser, A., Özkil, A. G. & Nielsen, U. D.
01/02/2016 → 31/01/2018
Project

Danish Sound Innovation: Improved sound insulation for headsets
King, A. W.
01/02/2016 → 31/03/2016
Project

Cryogenic Single and Array Coils for Magnetic Resonance Systems
01/02/2016 → 31/01/2019
Project: PhD

Highly Sensitive Magnetic Sensing of Neural Activity
Karadas, M., Thielscher, A., Andersen, U. L. & Hanson, L. G.
01/02/2016 → 31/01/2019
Project: PhD

Spatial release from masking in complex acoustical scenes and the effect of hearing aid processing
Löw, V., Dau, T., Westermann, A., Marschall, M. & Cubick, J.
04/01/2016 → 04/07/2016
Project

Electric vehicles in the Nordic countries: Control strategies for coordinated grid services
Zecchino, A., Traeholt, C., Marinelli, M. & Korpås, M.
15/12/2015 → 14/12/2018
Project

EnergyLab Nordhavn PhD Le Ray
Le Ray, G.
15/12/2015 → 15/12/2018
Project
Active Filter Solutions for Reducing Harmonic Emissions in Wind Power Plants
Guest, E., Rasmussen, T. W., Holbøll, J. & Jensen, K. H.
15/12/2015 → 14/12/2018
Project: PhD

Characterization of acoustic properties of surfaces based on spatio-temporal information
15/12/2015 → 14/12/2018
Project: PhD

Combining ultrasound brain stimulation with MR imaging
Pasquinelli, C., Thielscher, A., Hanson, L. G. & Lee, H. J.
15/12/2015 → 14/12/2018
Project: PhD

Controlling a hearing aid by electrically assessed eye-gaze
Favre-Félix, A., Dau, T., Graversen, C. & Lunner, T. F.
15/12/2015 → 14/12/2018
Project: PhD

Electric vehicles in the Nordic countries: Control strategies for coordinated grid services
Zecchino, A., Marinelli, M., Korpás, M. & Træholt, C.
15/12/2015 → 14/12/2018
Project: PhD

Managing Complex Systems and Applications fusing methods from AI and Control and Signal Processing
Maurin, A. L., Ravn, O., Andersen, N. A. & Kim, J.
15/12/2015 → 14/12/2018
Project: PhD

Resilient overlay networks for the distributed provision of aggregated power systems services
Orda, L. D., Bindner, H. W. & Gehrke, O.
15/12/2015 → 14/12/2018
Project: PhD

Impact assessment of HVDC Systems at the European level
Halilbasic, L., Pinson, P. & Chatzivasileiadis, S.
01/12/2015 → 30/11/2018
Project: PhD

Smart end user data analysis and pattern recognition
Le Ray, G., Pinson, P. & Winther, O.
01/12/2015 → 22/02/2019
Project: PhD

Situation-Aware Control Solutions for Enabling Smart Network Services
Cocco, A.
15/11/2015 → 15/11/2018
Project: PhD

Situation-Aware Control Solutions for Enabling Smart Network Services
Cocco, A., Bindner, H. W. & You, S.
15/11/2015 → 30/06/2016
Project: PhD
ERIGrid: European Research Infrastructure supporting Smart Grid Systems Technology Development, Validation and Roll Out
Kosek, A. M., Gehrke, O., Bondy, D. E. M., Bindner, H. W. & Heussen, K.
01/11/2015 → 30/04/2020
Project

Bimodal Fusion in Cochlear Implant Users
Janssen, N. A., Marozeau, J., Bramsløw, L. & Riis, S. K.
01/11/2015 → 31/10/2018
Project: PhD

Integrated grid connected rectifier with power management functionlity
Pejtersen, J., Knott, A., Andersen, T. M. & Jørgensen, I. H. H.
01/11/2015 → 28/02/2018
Project: PhD

Market Mechanisms for Integrated Energy Systems
Mitridati, L. M. M., Pinson, P. & Kazempour, J.
01/11/2015 → 31/10/2018
Project: PhD

Network Design Strategies for Medium Voltage Active Distribution Grids
Hübner, J. A., Bindner, H. W. & You, S.
01/10/2015 → 31/12/2015
Project: PhD

Numerical and experimental study of the acoustical-mechanical interaction at the micro-scale including losses
Andersen, P. R., Cutanda Henriquez, V. & Aage, N.
01/10/2015 → 30/09/2018
Project: PhD

Integrated Very High Frequency Rectifier with On-chip Control and Load Failure Protection Features
Hertel, J. C., Knott, A., Andersen, T. M. & Jørgensen, I. H. H.
15/09/2015 → 19/04/2019
Project: PhD

The microgrid with wind and storage systems to supply reliable power for oil/gas platforms
Zong, Y. & You, S.
01/09/2015 → 31/12/2016
Project

Photovoltaic-Battery Modular Power Converter for Local Energy Storage
Tomas Manez, K., Zhang, Z. & Ouyang, Z.
01/09/2015 → 31/08/2018
Project: PhD

Frequency Characterization and Control for Future Low Inertia Systems
Yang, G., Nguyen, H. T., Nielsen, A. H. & Jensen, P. H.
15/08/2015 → 14/08/2018
Project

Active nanophotonic antenna arrays for effective light-matter interactions
Kaminski, P. M., Arslanagic, S., Breinbjerg, O. & Merk, J.
15/08/2015 → 14/12/2018
Project: PhD
Frequency Characterization and Control for Future Low Inertia Systems
Nguyen, H. T., Yang, G., Jensen, P. H. & Nielsen, A. H.
15/08/2015 → 14/08/2018
Project: PhD

Towards solid oxide electrolysis plants in 2020
Zhang, Z. & Anthon, A.
01/08/2015 → 31/07/2017
Project

Assessment of short circuit power and protection systems for future low inertia power systems
Yang, G., Nielsen, A. H., Jia, J. & Rønne-Hansen, P.
01/08/2015 → 31/07/2018
Project

Assessment of short circuit power and protection systems for future low inertia power systems
Jia, J., Yang, G., Nielsen, A. H. & Rønne-Hansen, P.
01/08/2015 → 31/07/2018
Project: PhD

Quantification of diffuseness chambers for sound absorption measurements
Nolan, M., Brunskog, J. & Jeong, C.
01/08/2015 → 28/09/2018
Project: PhD

Reconfigurable Microwave Filters
Cimoli, B., Johansen, T. K., Vegas Olmos, J. J. & Zhurbenko, V.
01/08/2015 → 31/07/2018
Project: PhD

Market Mechanisms for Integrated Energy Systems
Ordoudis, C., Pinson, P. & Morales González, J. M.
01/07/2015 → 30/06/2018
Project

System adequacy and reserve margins with increasing levels of variable generation
Sørensen, P. E., Marinelli, M., Litong-Palima, M. & Hahmann, A. N.
01/07/2015 → 31/08/2016
Project

Characterizing the effects of distortion and audibility loss on speech recognition
Iborra, H. R., Dau, T., May, T. & Zaar, J.
01/07/2015 → 30/06/2018
Project: PhD

Impact assessment and control of HVDC systems at the European level
Thams, F., Nielsen, A. H., Chatzivasileiadis, S. & Eriksson, R.
01/07/2015 → 30/09/2018
Project: PhD

Market Mechanisms for Integrated Energy Systems
Ordoudis, C., Pinson, P., Morales González, J. M. & Kazempour, J.
01/07/2015 → 30/06/2018
Project: PhD
Characterizing neural mechanisms of attention-driven speech processing
Fuglsang, S., Dau, T., Hjortkjær, J. & May, T.
15/05/2015 → 14/05/2018
Project: PhD

Characterizing neutral mechanisms of attention-driven speech processing
Fuglsang, S., Dau, T., Hjortkjær, J. & May, T.
15/05/2015 → 13/11/2018
Project: PhD

Use of Multilevel Flow Modelling for on-line supervision in the oil and gas industry
Ravn, O., Lind, M. & Zhang, X.
01/05/2015 → 01/09/2015
Project

dDNP as a method to assess altered cellular metabolism in vitro
Malinowski, R. M., Ardenkjær-Larsen, J. H., Duus, J. Ø. & Jensen, P. R.
01/05/2015 → 31/10/2018
Project: PhD

Validation of Decentralized and Coordinated Operation of Frequency and Voltage Control Systems
Rezkalla, M. M. N., Bindner, H. W., Marinelli, M. & Heussen, K.
01/04/2015 → 31/03/2018
Project

Dynamic Propeller Shaft Speed Control
Galeazzi, R. & Andersen, P.
01/04/2015 → 01/05/2017
Project

DC-DC converters for use of Li-Ion batteries in hearing aids
Larsen, D. Ø., Jørgensen, I. H. H., Knott, A. & Vinter, M.
01/04/2015 → 28/10/2018
Project: PhD

EnergyLab Nordhavn - New Urban Energy Infrastructures
01/04/2015 → 31/03/2019
Project

Impact assessment of HVDC Systems at the European level
Haro Larrodé, M., Pinson, P. & Eriksson, R.
01/04/2015 → 31/07/2015
Project: PhD

Improving music perception and voice pitch in cochlear implant users
Lamping, W., Marozeau, J. & Santurette, S.
01/04/2015 → 29/10/2018
Project: PhD

Validation of decentralized and coordinated operation of frequency and voltage control systems in the control room
Rezkalla, M. M. N., Marinelli, M., Bindner, H. W. & Heussen, K.
01/04/2015 → 31/03/2018
Intelligent Quality Assessment of Railway Switches and Crossings
01/03/2015 → 28/02/2019

Behavioral and objective measures of auditory streaming in cochlear implant users
Paredes Gallardo, A., Marozeau, J. & Dau, T.
01/03/2015 → 31/05/2018

Intelligent Quality Assessment of Railway Switches and Crossings (INTELLISWITCH)
Thyregod, C., Ersbøll, B. K. & Juul Jensen, D.
01/03/2015 → 31/12/2019

Integrated off-line power converter using integrated inductors
Nour, Y., Knott, A. & Jørgensen, I. H. H.
15/02/2015 → 14/03/2018

Computational methods for wind-energy forecasting
Guillot, G., Pinson, P. & Bezzera, E.
01/02/2015 → 29/02/2016

Integrated off-line power converter using piezo elements
01/02/2015 → 31/01/2018

The influence of visual cues on sound externalization
Gil Carvajal, J. C., Cubick, J., Santurette, S. & Dau, T.
26/01/2015 → 26/07/2015

Comparison of binaural microphones for externalization of sound
Sánchez Rodríguez, C., Cubick, J., Song, W. & MacDonald, E.
08/01/2015 → 05/07/2015

Computational reduction techniques for numerical vibro-acoustic analysis of hearing aids
Creixell Mediante, E., Brunskog, J. & Jensen, J. S.
01/01/2015 → 31/12/2017

GenScen - Variable generation production scenario generation for planning and integration studies
Pinson, P. & Iversen, J. E. B.
01/01/2015 → 31/12/2015

Energy Management Systems for Active Distribution Grids
Zong, Y.
01/01/2015 → 31/12/2015
Computational reduction techniques for numerical vibro-acoustic analysis of hearing aids
Creixell Mediante, E., Brunskog, J., Jensen, J. S., Larsen, M., Cutanda Henriquez, V., Desmet, W. & Marburg, S.
01/01/2015 → 28/01/2018
Project: PhD

Interpretation of Brain Connectivity in CNS Diseases for Improvement of Drug Development
Hansen, I. H., Serensen, H. B. D., Bastlund, J. F. & Herrik, K. F.
01/01/2015 → 22/09/2018
Project: PhD

Engineering passive electronic components for the world's smallest AC-DC power supply by nanofabrication
Lê Thanh, H., Jensen, F., Han, A., Knott, A., Ouyang, Z., Andersen, M. A. E., Duffy, M. & Niklaus, F.
15/12/2014 → 07/03/2018
Project: PhD

Fault Diagnosis and Optimal Control of Electro-Mechanical systems
Sekunda, A. K., Niemann, H. H., Poulsen, N. K., Santos, I., Galeazzi, R., Kallesøe, C. S. & Kinnaert, M.
15/12/2014 → 14/12/2017
Project: PhD

High Frequency Switch-Mode Audio Power Amplifiers
Iversen, N. E., Knott, A. & Andersen, M. A. E.
15/12/2014 → 21/03/2018
Project: PhD

Observability and decision support for supervision of distributed power system control
Pertl, M., Bindner, H. W., Heussen, K., Marinelli, M., Trasholt, C., Keane, A. & Turri, R.
15/12/2014 → 14/12/2017
Project: PhD

Encoding of non-MR signals in Magnetic Resonance Imaging data
Pedersen, J. O., Hanson, L. G., Xue, R., Zhurbenko, V., Petersen, E. T., Ringgaard, S. & Webb, A.
01/12/2014 → 28/02/2018
Project: PhD

Optimisation of Combine Harvesters Yield Using Model-Based Control
Hermann, D., Ravn, O., Andersen, N. A. & Bilde, M. L.
01/12/2014 → 02/05/2018
Project: PhD

Strategies for Hybrid Integration and Packaging at Millimeter-Wave and THz Frequencies
Dong, Y., Johansen, T. K. & Zhurbenko, V.
01/12/2014 → 31/05/2018
Project: PhD

Analysis and Design of Wideband Matched Feeds for Reflector Antennas
Palvig, M. F., Breinbjerg, O., Jørgensen, E., Meincke, P., Jepsen, P. U., Bhattacharjee, R. & Teniente-Vallinas, J.
15/11/2014 → 14/11/2017
Project: PhD

Characterizing auditory and audio-visual perception in virtual environments
Ahrens, A., Dau, T. & Marschall, M.
15/11/2014 → 17/07/2018
Project: PhD
Millimeter-wave Near-Field Antenna Measurements
Popa, P. I., Pivnenko, S. & Breinbjerg, O.
15/11/2014 → 02/06/2018
Project: PhD

ELECTRA Top-Up
Marinelli, M., Bindner, H. W., Pertl, M. & Rezkalla, M. M. N.
01/11/2014 → 31/10/2017
Project

Enhanced Lightning effect Testing capabilities for optimized wind turbine reliability
Holbøll, J. & Vogel, S.
15/10/2014 → 14/10/2017
Project

Realistic Lightning Exposure System For Optimized Wind Turbine Reliability
15/10/2014 → 30/11/2017
Project: PhD

Distribution network observability and development of decision support features for real-time operation of 2030 power system
Prostejovsky, A. M., Kosek, A. M. & Bindner, H. W.
01/10/2014 → 30/09/2017
Project

TinyPower
Han, A., Jørgensen, A. M., Birkelund, K. & Lê Thanh, H.
01/10/2014 → 13/05/2015
Project

Wireless Communication for Custom Hearing Aids
Kammersgaard, N. P. I., Jakobsen, K. B. & Thaysen, J.
01/10/2014 → 30/09/2017
Project

Best Paths
Pinson, P., Thams, F. & Chatzivasileiadis, S.
01/10/2014 → 30/09/2018
Project

Distribution network observability and development of decision support features for real-time operation of 2030 power system
Prostejovsky, A. M., Bindner, H. W., Kok, K., Træholt, C., Monti, A. & Nordström, L. M.
01/10/2014 → 26/09/2017
Project: PhD

Synchronous Condensers Application in Low Inertia Systems
Yang, G., Nielsen, A. H. & Østergaard, J.
01/10/2014 → 31/03/2018
Project

Wireless Communication for Custom Hearing Instruments
01/10/2014 → 01/02/2018
Assessing hearing-aid signal processing based on variations of the Turing test
Kowalewski, B., Dau, T., Ferencekowski, M. & MacDonald, E.
15/09/2014 → 21/08/2018
Project: PhD

In DHBT Optimization for Millimeter-Wave Power Applications
Midili, V., Johansen, T. K., Nodjidadjim, V., Jensen, T., Maneux, C. & Weimann, N.
01/09/2014 → 01/01/2018
Project: PhD

InP DHBT MMIC Power Amplifiers for Millimeter-Wave Applications
Squartecchia, M., Johansen, T. K. & Dupuy, J.
01/09/2014 → 28/02/2018
Project: PhD

MR Imaging of Weak Electric Currents
Göksoy, C., Thielscher, A., Hanson, L. G., Petersen, E. T., Bieri, O. & Ider, Y. Z.
01/09/2014 → 06/12/2017
Project: PhD

Optimal Voltage Control of Distribution Networks with High Penetration of Distributed Energy Resources (DERs)
Herrmann, A. N. A., Østergaard, J., Huang, S. & Kazempour, J.
01/09/2014 → 07/11/2018
Project: PhD

Fault-Tolerant Control with Coarse Models in industrial Application
Papageorgiou, D., Blanke, M. & Niemann, H. H.
15/08/2014 → 15/08/2017
Project: PhD

Fault-tolerance and reconfiguration for collaborating heterogeneous underwater robots
Nielsen, M. C., Blanke, M. & Christensen, D. J.
15/08/2014 → 14/02/2018
Project: PhD

High Accuracy Nonlinear Control and Estimation for Machine Tool Systems
15/08/2014 → 11/10/2017
Project: PhD

Portable Ultrasound Imaging
15/08/2014 → 06/12/2017
Project: PhD

Robust HT-MEAs for Dynamic Operation under Smart Grid Conditions
Jensen, J. O., Pensini, A. & Træholt, C.
01/08/2014 → 01/08/2017
Project: PhD

Concepts, capacities and Methods for Testing EV Systems and their Interoperability within the Smart Grids
Martinenas, S., Træholt, C., Andersen, P. B. & Marinelli, M.
01/08/2014 → 01/08/2017
Project: PhD
Enabling Technologies for Smart Grid Integration of Electric Vehicles
Martinenas, S., Traeholt, C., Andersen, P. B., Marinelli, M., Gehrke, O., Belver, I. Z. & Putrus, G. A.
01/08/2014 → 07/02/2018
Project: PhD

Hyperpolarized magnetic resonance: in vitro assay of cellular metabolism
Kjøller, H., Ardenkjær-Larsen, J. H. & Duus, J. Ø.
01/07/2014 → 31/05/2015
Project: PhD

Computational speech segregation inspired by principles of auditory processing
Bentsen, T., Dau, T., Kressner, A. A., May, T., Marozeau, J., Bleeck, S. & Tchorz, J.
15/06/2014 → 07/03/2018
Project: PhD

Reference architecture and infrastructure for modularity-based distributed control
Petersen, B. S., Bindner, H. W., Poulsen, B., You, S., Andersen, P. B., Deconinck, G. & Olsen, J. L.
01/06/2014 → 31/05/2017
Project: PhD

Fast Plane Wave Imaging
01/05/2014 → 13/09/2017
Project: PhD

Bindevævs biomekanik og modellering
Traberg, M. S., Eriksen, T. A. & Örn Jensson, B.
07/04/2014 → 16/06/2014
Project

DynTopo
Gehrke, O., Kosek, A. M. & Prostejovsky, A. M.
04/04/2014 → 18/09/2014
Project

SALVAGE: Cyber-physical security for Low-Voltage grids
Kosek, A. M., Gehrke, O., Heussen, K. & Prostejovsky, A. M.
01/04/2014 → 01/04/2017
Project

Low power analog-to-digital conversion for hearing aid applications without sound artifacts
Haerizadeh, S. & Jørgensen, I. H. H.
01/04/2014 → 13/04/2015
Project: PhD

Characterizing cochlear hearing impairment using electrophysiological methods
Encina Llamas, G., Epp, B., Dau, T., Harte, J., Marozeau, J., Bruce, I. C. & Schaette, R.
15/02/2014 → 06/12/2017
Project: PhD

Evaluation of a clinical auditory profile in hearing-aid candidates
Santurette, S., Thorup, N. & Fris, M.
03/02/2014 → 19/12/2014
Project
Kunstig intelligence og sprogudvikling
Jessen, J. D.
01/02/2014 → 30/11/2014
Project

Energy and Ancillary Services in Future Electricity Markets
Soares, T., Pinson, P., Wu, Q., Bell, K. R. W. & Ernst, D.
01/02/2014 → 10/05/2017
Project: PhD

PROActive INtegration of sustainable energy resources enabling active distribution networks
Petersen, B. S., Poulsen, B., Bindner, H. W. & You, S.
01/01/2014 → 31/12/2017
Project

Unified testing procedures for wind turbines through inflow characterisation using nacelle lidars
01/01/2014 → 31/12/2017
Project

Early detection of response to treatment in cancer by Hyperpolarized Metabolic MR
Eldirdiri, A., Ardenkjær-Larsen, J. H., Hanson, L. G., Kjær, A., Thielscher, A., Mayer, D. & McLean, M. A.
01/01/2014 → 23/08/2017
Project: PhD

Phasor Measurement Unit Applications for Small Signal Stability Assessment and Improvement of Power Systems
Ghiga, R., Nielsen, A. H., Wu, Q., Yang, G., Fu, Y. & Uhlen, K.
01/01/2014 → 13/09/2017
Project: PhD

Predicting the consequences of hearing loss and hearing-aid signal processing on speech intelligibility
01/01/2014 → 07/02/2018
Project: PhD

Advanced 3D ultrasound imaging
15/12/2013 → 08/03/2017
Project: PhD

Automatic ultrasound scanning
15/12/2013 → 12/04/2017
Project: PhD

Control strategies and modelling of electric vehicles in the distribution network
Knezovic, K., Traeholt, C., Andersen, P. B., Marinelli, M., Kok, K., Korpås, M. & Paolone, M.
15/12/2013 → 14/06/2017
Project: PhD

Galvanic isolated off-line VHF switch-mode power supplies
15/12/2013 → 12/04/2017
Project: PhD
Modular Robotics for Underwater Environments
Furno, L., Blanke, M., Christensen, D. J., Niemann, H. H., Ludvigsen, M. & Schultz, U. P.
15/12/2013 → 14/03/2017
Project: PhD

Spectral and temporal processing in electric hearing
Guérin, F., Marozeau, J., Epp, B. & Santurette, S.
15/12/2013 → 04/03/2018
Project: PhD

European Liaison on Electricity grid Committed Towards long-term Research Activities
01/12/2013 → 28/02/2018
Project

Custom Integrated Circuit Design for Ultrasound CMUT Array intended for a Handheld Scanner
01/12/2013 → 08/03/2017
Project: PhD

Effects and Minimization of stray inductance in power electronics
Lindberg-Poulsen, K., Petersen, L. P. & Andersen, M. A. E.
01/12/2013 → 30/11/2016
Project: PhD

3D Vector Velocity Imaging
Holbek, S., Jensen, J. A., Stuart, M. B., Traberg, M. S., Liebgott, H. & Tanter, M.
01/11/2013 → 08/02/2017
Project: PhD

Direct drive High Temperature Superconducting generators for wind turbine
Song, X., Mijatovic, N., Holbøll, J., Jensen, B. B., Abrahamsen, A. B., Qu, R. & Vanderbemden, P.
01/11/2013 → 14/06/2017
Project: PhD

Early Warning for Cascarding Outages in Electric Power Systems
Petersen, P. F., Nielsen, A. H., Jóhannsson, H., Wu, Q., Repo, S. P. & Terzija, V.
01/11/2013 → 06/12/2017
Project: PhD

Superconducting generator for large wind turbines
Jensen, B. B., Mijatovic, N. & Song, X.
01/10/2013 → 31/10/2016
Project

Congestion Management of Distribution Networks with High Penetration of Distributed Energy Resources (DERs)
Huang, S., Wu, Q., Nielsen, A. H., Træholt, C., Hobbs, B. F. & Repo, S. P.
01/10/2013 → 08/02/2017
Project: PhD

Ideal grid for all
Wu, Q.
01/09/2013 → 31/08/2016
Project
Effects of hearing aid signal processing on temporal auditory perception
01/09/2013 → 07/03/2018
Project: PhD

Exhaust Recirculation Control for Reduction of NOx from Large Two-stroke Diesel Engines
Nielsen, K. V., Blanke, M., Hoffmann, M., Laursen, M., Galeazzi, R., Johansen, T. A. & Theotokatos, G.
01/09/2013 → 12/04/2017
Project: PhD

Exploring Market Models for a European Electricity Grid With a High Penetration of Renewable Energy Sources
Jensen, T. V., Pinson, P., Greiner, M. O. W., Wu, Q., Bjørndal, M. H. & Papavasiliou, A.
01/09/2013 → 13/09/2017
Project: PhD

Holistic approach in monitoring, diagnosis of faults in modern wind turbines
01/09/2013 → 23/08/2017
Project: PhD

Static Security Assessment and PMU Data Validation
01/08/2013 → 12/04/2017
Project: PhD

Improvement of cochlear implant stimulation strategies using auditory modeling
15/06/2013 → 12/04/2017
Project: PhD

Optimal synthetic aperture duplex imaging
15/06/2013 → 30/09/2016
Project: PhD

System-wide socio-economic and reliability impact of active management of distribution grids and distributed energy resources
15/06/2013 → 30/09/2016
Project: PhD

Nikola - Intelligent electric vehicle integration
Marinelli, M., Andersen, P. B., Knezovic, K., Martinenas, S. & Træholt, C.
01/06/2013 → 31/05/2016
Project

Play for Children with Disabilities
Jessen, J. D.
19/05/2013 → 18/05/2018
Project

Dynamic Coverage and Flow Coordination in Multi-Agent Networks
15/05/2013 → 08/02/2017
Project
Advanced Control of Smart Materials Applied to Sustainable Technology
Theisen, L. R. S., Niemann, H. H., Galeazzi, R., Santos, I., Andreasen, C. S., Grigoriadis, K. M. & Verhaegen, M.
01/05/2013 → 07/09/2016
Project: PhD

Analysis of the auditory system via synthesis of natural sounds, speech and music
McWalter, R. I., Dau, T., MacDonald, E., Chait, M. & Lorenzi, C.
01/05/2013 → 14/06/2017
Project: PhD

Modelling Of Market-Based Cross-Border Exchange Of Balancing Power
Delikaraoglou, S., Pinson, P., Morales González, J. M., Heussen, K., Repke, S., Kirschen, D. & Tomasgard, A.
01/05/2013 → 07/12/2016
Project: PhD

RTLabOS: Phase I - Exploring software infrastructure for smart grid labs
01/04/2013 → 20/12/2014
Project: PhD

5s - Future Electricity Markets
Pinson, P., Jensen, T. V., Soares, T., Papakonstantinou, A. & Kazempour, J.
01/04/2013 → 31/10/2017
Project: PhD

A novel electric motor drive using NANOPYME magnet for electric vehicle application
01/03/2013 → 30/04/2016
Project: PhD

Characterizing the auditory cues for the processing and perception of spatial sounds
Cubick, J., Dau, T., Laugesen, S., Santurette, S., Marozeau, J., Pulkki, V. T. & Zahorik, P.
01/03/2013 → 13/09/2017
Project: PhD

Early Warning of Acute Diseases from Portable Vital Signs Monitoring and -Interpretation
01/03/2013 → 13/09/2017
Project: PhD

Modeling perceptual externalization in the normal, impaired and aided-impaired auditory system
Hassager, H. G., Dau, T., May, T., Udesen, J., MacDonald, E., Hohmann, V. & Majdak, P. S.
01/03/2013 → 10/05/2017
Project: PhD

Wide-Area Prosumption Modelling and Control
Wittrock, M. L., Nielsen, A. H., Jóhannsson, H., Sørensen, P. E., Erlich, I. & Glavic, M.
01/03/2013 → 12/04/2017
Project: PhD

Control and sensor techniques for PAD servo motor drives
15/02/2013 → 04/05/2016
Project: PhD
Energy Saving by Voltage Management
Marinelli, M., Bindner, H. W., Hu, J. & Zecchino, A.
01/02/2013 → 31/12/2015
Project

Room acoustic simulation tool for optimization of absorbent ceiling
01/02/2013 → 07/09/2016
Project: PhD

Real-Time Assessment of Voltage Stability (tentative)
Perez, A., Østergaard, J., Jóhannsson, H., Træholt, C., Chow, J. H. & Uhlen, K.
15/01/2013 → 30/09/2016
Project: PhD

Ensure a reliable operation of a sustainable future system
Yang, G., Østergaard, J. & Nielsen, A. H.
01/01/2013 → 31/12/2013
Project

Rammeaftale vedrørende udnyttelse af PowerlabDK’s faciliteter
Wu, Q.
01/01/2013 → 31/12/2017
Project

Modeling and Simulation of Wind Power & VSC-HVDC and Its Application in Offshore Wind Power Integration
Wu, Q.
01/01/2013 → 31/12/2014
Project

Integrated Microgrid Planning, Operation and Control System with Distributed Generation
Wu, Q.
01/01/2013 → 31/12/2013
Project

Future Technologies for Wind Energy: Blade materials, Turbine reliability, Computation tools, and Experimental methods
Raghavalu Thirumalai, D. P., Sørensen, B. F. & Mishnaevsky, L.
01/01/2013 → 31/12/2013
Project

Energy Savings by Voltage Management
Bindner, H. W. & Lyberth Barksmann, T.
01/01/2013 → 31/12/2014
Project

Integration of High Penetration of Renewable Energy Resources into the Industrial Power System with Microgrid Solution
Zong, Y.
01/01/2013 → 31/12/2014
Project

Novel MR contrast agent for angiography and perfusion: Hyperpolarized Water
Lipsø, H. K. W., Ardenkjær-Larsen, J. H., Hanson, L. G., Jensen, P. R., Golman, K. & Hövener, J.
15/12/2012 → 11/01/2017
Project: PhD
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Dates</th>
<th>Project: PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pitch representations in the impaired auditory system and implications for music perception</td>
<td>Bianchi, F., Dau, T., Santurette, S., MacDonald, E., Johnsrude, I. S. &amp; Lorenzi, C.</td>
<td>15/12/2012 → 17/08/2016</td>
<td></td>
</tr>
<tr>
<td>Interactive Modular Playware and Play Dynamics</td>
<td>Fogh, R., Lund, H. H. &amp; Christensen, D. J.</td>
<td>01/12/2012 → 15/03/2015</td>
<td></td>
</tr>
<tr>
<td>Motion-insensitive Magnetic Resonance Imaging</td>
<td>Andersen, M., Hanson, L. G., Madsen, K. H., Thielsher, A., Bowtell, R. W. &amp; Ringgaard, S.</td>
<td>01/12/2012 → 16/03/2016</td>
<td></td>
</tr>
<tr>
<td>Planar antenna technology for broadband satellite-based communication at K/Ka-band and beyond</td>
<td>Hougs, M. D., Kim, O. S. &amp; Breinbjerg, O.</td>
<td>01/12/2012 → 31/10/2016</td>
<td></td>
</tr>
<tr>
<td>Playware for Welfare Technology</td>
<td>Jessen, J. D., Lund, H. H., Christensen, D. J., Kjær, P. &amp; Marti, P.</td>
<td>01/12/2012 → 30/09/2016</td>
<td></td>
</tr>
<tr>
<td>Reducing dependency of critical materials in rotating electrical machines by designing for recyclability and reusability</td>
<td>Hegberg, S., Holboll, J., Bendixen, F. B., Jensen, B. B., Mijatovic, N., Randewijk, P. J., Polinder, H. &amp; Pérez-Díaz, J. L.</td>
<td>01/12/2012 → 14/06/2017</td>
<td></td>
</tr>
<tr>
<td>Sensorbaseret realtidsstyring af robotter</td>
<td>Andersen, T. T., Ravn, O., Andersen, N. A., Christensen, D. J., Nielsen, K. &amp; Robertsson, A. R. K.</td>
<td>01/12/2012 → 15/06/2016</td>
<td></td>
</tr>
</tbody>
</table>
WETMATE – a 33kV Subsea Wet-Mateable Connector for Offshore Renewable Energy
Holbøll, J. & Sverrisson, S. I.
01/12/2012 → 30/09/2015
Project

Advanced techniques for EMI control and EMC optimization in miniaturized devices
15/11/2012 → 16/03/2016
Project: PhD

Market Design and Network Planning for distribution Grid
Zhang, C., Pinson, P., Ding, Y., Nielsen, A. H., Wen, F. & Zhang, X.
15/11/2012 → 16/03/2016
Project: PhD

Pan European Climate Data
Marinelli, M., Cutululis, N. A. & Hahmann, A. N.
01/11/2012 → 31/07/2014
Project

Emergency Control in Power Transmission
Pedersen, A. S., Blanke, M., Jóhannsson, H., Tabatabaeipour, M., Niemann, H. H., Erlich, I. & Stoustrup, J.
01/11/2012 → 20/01/2016
Project: PhD

Non-magnetic driver for piezo actuators
Ekhtiari, M., Andersen, M. A. E., Zhang, Z., Petersen, L. P., Carazo, A. V. & Foster, M. P.
01/11/2012 → 04/05/2016
Project: PhD

PV Inverter and control
01/11/2012 → 20/01/2016
Project: PhD

Damage an healing processes for voice health; High Speed Camera and biomecanical models
15/10/2012 → 30/09/2016
Project: PhD

Optimal Operation of Distribution Networks with Electrification of Transport and Heating in Nordic Region
Liu, Z., Nielsen, A. H., Wu, Q., Traeholt, C., Sun, H. & Wang, L.
01/10/2012 → 16/03/2016
Project: PhD

Validation of Control Services in Future Sustainable Power Systems
15/09/2012 → 10/05/2017
Project: PhD

A Brain Computer Interface (BCI) System for Neuro-rehabilitation
Ordikhani-Seyedlar, M., Puthusserypady, S., Kjær, T. W., Sams, T., Sørensen, H. B. D., Sams, T., Karstoft, H. & Klonowski, W.
01/09/2012 → 07/09/2016
Project: PhD
Characterization and prediction of perceptual consequences of individual hearing loss
Locsei, G., MacDonald, E., Dau, T., Santurette, S., Epp, B., Brand, T. & Kohlrausch, A.
01/09/2012 → 07/12/2016
Project: PhD

Modeling the consequences of hearing loss and hearing-aid processing on consonant perception
Zaar, J., Dau, T., Marozeau, J., Cooke, M. & Dubno, J. R.
01/09/2012 → 02/11/2016
Project: PhD

Offshore Wind Park Control Assessment Methodologies to Assure Robustness and Fault tolerance
01/09/2012 → 20/01/2016
Project: PhD

Optimal sizing and control of balancing power in the future European system considering transmission system constraints
Andersson, G., Østergaard, J. & Heussen, K.
01/09/2012 → 01/09/2015
Project

Nordic power road map 2050: Strategic choices towards carbon neutrality
Wu, Q.
15/08/2012 → 14/08/2016
Project

Modelling of demand response and its impact on a distribution grid using field trial data of household appliance control at multiple consumers
Lakshmanan, V., Bindner, H. W., Gehrke, O., Kosek, A. M., Nielsen, A. H., Georghiou, G. E. & Korpås, M.
01/06/2012 → 17/08/2016
Project: PhD

PhD scholarship in iPower, integration of embedded generation
Han, X., Bindner, H. W., Yang, G., Burt, G. M. & Repo, S. P.
01/06/2012 → 15/06/2016
Project: PhD

Very High Frequency Switch-Mode Power Supplies
01/06/2012 → 18/09/2015
Project: PhD

Superconducting Drive Train
Mijatovic, N. & Jensen, B. B.
01/05/2012 → 30/04/2015
Project

Innovation consortium Real time Controlled Robots for the Meat Industry
Ravn, O., Andersen, T. T., Andersen, N. A. & Wu, H.
01/05/2012 → 30/04/2016
Project

Transient conditions and protection in HVDC offshore grids
El-Khatib, W. Z., Holbøll, J., Rasmussen, T. W., Nielsen, A. H., Jensen, K. H. & Undeland, T.
01/05/2012 → 07/12/2016
Computational auditory scene analysis based on a model of human binaural processing
Chabot-Leclerc, A., Dau, T., MacDonald, E., Marozeau, J., Culling, J. & van de Par, S.
01/04/2012 → 20/01/2016
Project: PhD

Performance Monitoring, Diagnosis and Advanced Control for Bio-Refinery
Prunescu, R. M., Blanke, M., Jakobsen, J. G., Sin, G., Huusom, J. K., Lidén, G. & Skogestad, S.
01/04/2012 → 17/02/2016
Project: PhD

Consequence Reasoning in Multilevel Flow Modeling and Its Application
Zhang, X., Ravn, O., Lind, M., Niemann, H. H., Cameron, I. & Gofuku, A.
01/03/2012 → 18/06/2015
Project: PhD

Demand Side Optimization via Direct Load Control in Smart Grids
Costanzo, G. T., Bindner, H. W., Poulsen, N. K., Leinhoff, S. & Palensky, P.
01/03/2012 → 09/12/2015
Project: PhD

Innovative Permanent Magnet Production, Recovery and Reuse
Jensen, B. B. & Høegberg, S.
01/03/2012 → 01/03/2016
Project

Low Power High Dynamic Range A/D Conversion Channel
01/03/2012 → 09/11/2015
Project: PhD

Modern Electricity Distribution Grids with High Share of Solar Energy
Hashemi Toghroljerdi, S., Østergaard, J., Bindner, H. W., Strauss, P. & Teodorescu, R.
15/01/2012 → 04/05/2016
Project: PhD

Secure Operation of Sustainable Power Systems
01/01/2012 → 31/03/2016
Project

Switch-Mode Power Amplifiers for Current Controlled Loudspeakers
Schneider, H., Andersen, M. A. E., Knott, A., Bruun, E., Bard, D. & Risbo, L.
15/12/2011 → 20/08/2015
Project: PhD

Nordic Electrical Vehicle Interoperability Center
Jensen, M. B. & Sørensen, T. M.
01/12/2011 → 01/06/2012
Project

Correlations between physical and perceptual parameters of acoustic scenarios. Implications for auditory modelling and sound field design
Käsbach, J., Dau, T., Epp, B., May, T., MacDonald, E., Tchorz, J. & Whitmer, W. M.
Electricity market design for distributed energy resources and flexible demand
Larsen, E. M., Pinson, P., Ding, Y., Østergaard, J., Kok, K., Biskas, P. & Gibescu, M.
01/12/2011 → 09/12/2015
Project: PhD

High efficiency reversible fuel cell power converter
01/12/2011 → 27/02/2015
Project: PhD

High Performance Solar Array Simulator
Nguyen-Duy, K., Andersen, M. A. E., Knott, A., Zhang, Z., Kyyrä, J. & Wolf, C.
01/12/2011 → 07/05/2015
Project: PhD

Reconfigurable Microwave Filters for Communication Systems
01/12/2011 → 17/08/2016
Project: PhD

High Power DEAP actuator drive for wind turbine flaps
15/11/2011 → 27/02/2015
Project: PhD

Renewable Energy Sources and Storage for Integrated Control in electric distribution system
Marinelli, M. & Baccino, F.
14/11/2011 → 29/03/2012
Project

Integrated magnetics for high power density, high efficiency power converters
Ouyang, Z.
01/11/2011 → 14/11/2013
Project

Custom-made MMIC reciver front-end for x-band radar, with focus on low phase and 1/f-noise
Michaelsen, R. S., Johansen, T. K., Tamborg, K., Skou, N., Bao, M. & Leuzzi, G.
01/11/2011 → 04/05/2016
Project: PhD

Low power DEAP actuator drive for heating valves
Huang, L., Andersen, M. A. E., Zhang, Z., Jørgensen, I. H. H., Sun, J. & Zhao, Z.
01/11/2011 → 27/02/2015
Project: PhD

Radio frequency switch-mode power supplies
Kovacevic, M., Andersen, M. A. E., Knott, A., Zhang, Z., Bertilsson, K. & Foster, M. P.
01/11/2011 → 22/04/2015
Project: PhD

Coordinated Control of Wind Power Plants and Energy Storage Systems
Zhao, H., Wu, Q., Rasmussen, C. N., Træholt, C., Pöller, M. & Zhang, B.
15/10/2011 → 27/02/2015
Energy storage and energy system integration
Pensini, A., Træholt, C., Rasmussen, C. N., Yang, G., Bindner, H. W., Greiner, M. O. W. & Jenkins, B. M.
01/10/2011 → 06/07/2017
Project: PhD

Investigating the Feasibility of Direct Drive Wind Turbine Generator Topologies that are Independent of Rare Earth Elements
15/09/2011 → 09/11/2015
Project: PhD

Micromachined Integrated Transducers for Ultrasound Imaging
15/09/2011 → 26/01/2015
Project: PhD

Enhanced Ancillary Services from Wind Power Plants - EASE WIND
Xydis, G.
01/09/2011 → ...
Project

Characterization of early and mature electrophysiological biomarkers for Alzheimer's and Parkinson's patients
01/09/2011 → 20/08/2015
Project: PhD

On-line Dynamic Security Assessment in Power Systems
Weckesser, J. T. G., Østergaard, J., Jóhannsson, H., Pinson, P., Glavic, M. & Kundur, P.
01/09/2011 → 07/05/2015
Project: PhD

Piezoelectric transformer based LED lighting
01/08/2011 → 27/02/2015
Project: PhD

31 US-Denmark Summer Program
Træholt, C.
24/07/2011 → 31/12/2016
Project

Design and evaluation of individualized hearing-aid signal processing and fitting
Fereczkowski, M., MacDonald, E., Dau, T., Jepsen, M. L., Marojeau, J., Lopez-Poveda, E. A. & Plack, C. J.
15/07/2011 → 15/09/2015
Project: PhD

Lightning Protection of Flap System for Wind Turbine Blades
Candela Garolera, A., Holbøll, J., Madsen, S. F., Yang, G., Siew, W. H. & Sørensen (fratrådt), T.
01/07/2011 → 27/02/2015
Project: PhD

Smart Transmission Grid Operation and Control
Homogenization and Realization of Periodically Structured Materials
01/06/2011 → 16/03/2015
Project: PhD

Wind power and storage modeling and integrated control in electric distribution systems
Marinelli, M.
01/05/2011 → 13/05/2011
Project

Optimal low power microelectronic implementation for single-use ECG arrhythmia detection device
01/05/2011 → 07/05/2015
Project: PhD

Temporal Coherence in the Perceptual Organization of Auditory Scenes in Normal, Impaired, and Aided-Impaired Hearing
Christiansen, S. K., Dau, T., Jepsen, M. L., MacDonald, E., Brown, G. J. & Shamma, S.
15/04/2011 → 12/12/2014
Project: PhD

Two stage beam forming methods for 3D imaging
Rasmussen, M. F., Jensen, J. A., Sams, T., Jansson, T. & Zemp, R. J.
15/04/2011 → 15/11/2014
Project: PhD

EcoGrid EU - Large scale Smart Grids demonstration of real time market-based integration of DER and DR
01/04/2011 → 30/09/2015
Project

Application of smart grid in photovoltaic power systems
Østergaard, J., Yang, G., Hashemi Toghrolijerdi, S., Mihet-Popa, L. & Pedersen, T. H.
01/04/2011 → 31/12/2014
Project

Deconvolution of seismic transient: A model-based signal processing approach
Oh, G. L., Brunskog, J., Agerkvist, F. T., Jensen, J. S., Mosegaard, K. & Rydén, N.
15/03/2011 → 30/09/2014
Project: PhD

OffshoreDC - DC grids for integration of large scale wind power
Cutululis, N. A., Sørensen, P. E., Hansen, A. D., Zeni, L., El-Khatib, W. Z. & Holbøll, J.
01/02/2011 → 31/01/2016
Project

Characterization of early and mature electrophysiological biomarkers for Alzheimer's and Parkinson's patients
Sørensen, G. L., Sørensen, H. B. D., Christensen, S. R. & Jennum, P.
01/02/2011 → 30/06/2011
Project: PhD
Electric vehicle integration in a real-time market
Pedersen, A. B., Østergaard, J., Gantenbein, D., Poulsen, B., Wu, Q., Jørgensen, P. & Kempton, W.
01/02/2011 → 18/03/2015
Project: PhD

High Performance Solar Array Simulator
Zhao, S., Andersen, M. A. E. & Knott, A.
01/02/2011 → 31/08/2011
Project: PhD

Network and control of future intelligent power system
Hu, J., Østergaard, J., Lind, M., Træholt, C., Kok, J. K. & Lehnhoff, S.
01/02/2011 → 20/08/2014
Project: PhD

Playful Human-Robot Interaction based on Adaptive Modular Playware
Moghadam, M., Lund, H. H. & Christensen, D. J.
01/02/2011 → 31/01/2013
Project: PhD

Characterization of Early and Mature Electrophysiological Markers for Alzheimer's and Parkinson's Patients
Sørensen, H. B. D.
01/01/2011 → 01/01/2014
Project

Optimal Low power Implementation for Single Use ECG Arrhythmia Detection Device
Sørensen, H. B. D.
01/01/2011 → 01/01/2014
Project

Strategic platform for innovation and research in Intelligent Power
Hoffmann, B., Hansen, L. H., Sundström, O., Harbo, S. & Villefrance, R.
01/01/2011 → 01/07/2016
Project

Thermal Modelling and Analysis of a Wind Turbine Generator
Jensen, B. B. & Hosseini, S. M.
01/12/2010 → 01/12/2011
Project

Smart Modelling of Optimal Integration of High Penetration of PV
Mihet-Popa, L. & Bindner, H. W.
01/12/2010 → 01/12/2012
Project

Computational protein aggregation
Tian, P. & Ferkinghoff-Borg, J.
01/12/2010 → 30/09/2011
Project: PhD

Control Strategies for price based control of demand side units
Sossan, F., Bindner, H. W., Gehrke, O., Nargård, P. B., Pinson, P., Andersson, G. & Anjos, M. F.
01/12/2010 → 20/08/2014
Project: PhD
Future Deep Sea Wind Turbine Technologies
Schmidt Paulsen, U.
01/10/2010 → 30/09/2014
Project

Acoustic array methods for identification of noise sources in vehicles
Tiana Roig, E., Jeong, C., Agerkvist, F. T., Jacobsen, F., Juhl, P. M., Rafaely, B. & Song, W.
01/10/2010 → 26/01/2015
Project: PhD

Integrated Communication and Electric Power Distribution System Design
Douglass, P. J., Østergaard, J., Nyeng, P., Rasmussen, C. N., Infield, D. & Kempton, W.
01/10/2010 → 18/06/2014
Project: PhD

Predicting the intelligibility of processed noisy speech based on the signal-to-noise ratio in the modulation domain
Jørgensen, S., Dau, T., Brunskog, J., Cooke, M. & Culling, J.
15/09/2010 → 19/02/2014
Project: PhD

Dynamic Load Optimization in a Cable Based Transmission Grid
Olsen, R. S., Holbøll, J., Gudmundsdottir, U. S., Rasmussen, C. N., Rakowska, A. & Sørensen (fratrådt), T.
15/08/2010 → 19/02/2014
Project: PhD

Characterizing human auditory processing in reverberant environments with multiple sound sources
Marschall, M., Dau, T., Buchholz, J., MacDonald, E., Brunskog, J., Pulkki, V. T. & Spors, S.
01/08/2010 → 12/12/2014
Project: PhD

Nonlinear balanced armature receivers
Jensen, J., Agerkvist, F. T., Harte, J., Brunskog, J., Bard, D. & Klippel, W.
01/07/2010 → 15/11/2014
Project: PhD

Non-linear SA Imaging
Rasmusser, J., Jensen, J. A., Sams, T., Cinthio, M. & Korte, C. L. D.
01/07/2010 → 14/05/2014
Project: PhD

FlexPower – a market design project
Xydis, G.
01/06/2010 → ...
Project

Assessment and Development of Microwave Imaging for Breast Cancer Detection
Jensen, P. D., Mohr, J. J., Rubak, T., Zhurbenko, V., Dall, J., Helbig, M. & Vrba, J.
01/06/2010 → 24/09/2014
Project: PhD

Methods for Early Warning and Early Prevention of Voltage Instability
Dmitrova, E., Nielsen, A. H., Jóhannsson, H., Jóhannsson, H., Traeholt, C., Makarov, Y. V. & Samuelsson, O.
01/06/2010 → 26/11/2013
Project: PhD
Compatibility of Electrical Main Components in Wind Turbines
01/05/2010 → 26/09/2014
Project: PhD

Modulær Platform til Kommercielle Mobile Robotter
01/05/2010 → 26/11/2013
Project: PhD

Transmission system operation with large penetration of Wind and other renewable Electricity sources in Networks by means of Innovative Tools and Integrated Energy Solutions
Xydis, G.
01/04/2010 → ...
Project

TWENTIES - Transmission system operation with large penetration of Wind and other renewable Electricity sources in Networks by means of Innovative Tools and Integrated Energy Solutions
Serensen, P. E., Cutululis, N. A., Maule, P., Litong-Palima, M. & Altiparmakis, A.
01/04/2010 → 30/09/2013
Project

Metamaterial Homogenization and Antenna Miniaturization
Hansen, T. V., Breinbjerg, O., Arslanagic, S., Kim, O. S., Merk, J., Gustafsson, M. & Yaghjian, A. D.
01/04/2010 → 15/01/2014
Project: PhD

New measurement techniques: Optical methods for characterizing sound fields
Torras Rosell, A., Agerkvist, F. T., Barrera Figueroa, S., Jeong, C., Gazengel, B. & Humphrey, V. F.
01/04/2010 → 19/03/2014
Project: PhD

Triple-Band Maritime Satellite Communication Antenna
Smith, T. G., Breinbjerg, O., Gothelf, U., Kim, O. S., Larsen, N. V., Viskum, H., Perruisseau-Carrier, J. & Toso, G.
01/04/2010 → 26/09/2013
Project: PhD

Speech intelligibility enhancement using modern envelope and phase manipulations
Decorsière, R. J. B., Dau, T., MacDonald, E., Søndergaard, P. L., Agerkvist, F. T., Ghita, O. & Stone, M. A.
15/02/2010 → 19/11/2013
Project: PhD

Methods for enabling utilisation of the potential flexibility in power production and consumption of entities connected in the low voltage network in a Virtual Power Plants framework
Thavlov, A., Bindner, H. W., Hilger, K. B., Pinsoni, P., Ferrarini, L. & Nordström, L. M.
01/02/2010 → 28/09/2015
Project: PhD

Tidlig Diagnosticoering af Neurodegenerative Sygdomme
Kempfner, J., Serensen, H. B. D., Jennum, P., Puthusserypady, S., Karstoft, H. & Mayer, G.
01/02/2010 → 15/08/2013
Project: PhD

Distance perception in impaired and aided-impaired hearing
Catic, J., Dau, T., Santurette, S., Marozeau, J., Seeber, B. & van de Par, S.
15/01/2010 → 26/01/2015
Project: PhD
Broadband relaxation processes in polar liquids
Jepsen, P. U., Nielsen, A., Dyre, J., Breinbjerg, O. & Bjørstorp, J. M.
01/01/2010 → 31/12/2011
Project

Early Diagnosis of Neurodegenerative Diseases
Sørensen, H. B. D.
01/01/2010 → 01/01/2013
Project

Pædagogisk projekt indenfor sundhedsteknologi.
Sørensen, J. A., Baden-Kristensen, K., Munck-Fairwood, R. & Jørgensen, I.
01/01/2010 → 31/12/2010
Project

Styrkelse af samarbejdet mellem ingeniørhøjskoler (IHA og IHK) og virksomheder.
Sørensen, J. A. & Besenbacher, B.
01/01/2010 → 01/01/2012
Project

Microwave Activation of Drug Release
01/11/2009 → 18/06/2015
Project: PhD

NAnoMEChanical sensors and actuators, fundamentals and new directions (NAMEC) : Cantilever based microwave biosensors
01/11/2009 → 31/10/2011
Project

Accurate Modeling of Advanced Reflectarrays
Zhou, M., Breinbjerg, O., Jørgensen, E., Kim, O. S., Gothelf, U., Legay, H. & Rengarajan, S. R.
15/10/2009 → 21/02/2013
Project: PhD

Antennas and Propagation for Body-Centric Wireless Communications
15/10/2009 → 19/02/2014
Project: PhD

Electric vehicles in the Electric Power System with high penetration of Wind Power - Charge/discharge infrastructure
Marra, F., Træholt, C., Larsen, E., Bindner, H. W., Bollen, M. & Lopes, J. A. P.
01/10/2009 → 15/08/2013
Project: PhD

PMU application project : Model verification of Synchronous Generatore Excitation System via PMU signal
Yang, G., Østergaard, J. & Nielsen, A. H.
01/10/2009 → 30/09/2010
Project

Electric vehicles in a Distributed and Integrated market using Sustainable energy and Open Networks
Pedersen, A. B.
01/09/2009 → 01/03/2012
Project
Intelligent Electric Vehicle Integration - Domain Interfaces and Supporting Informatics
Andersen, P. B., Østergaard, J., Gantenbein, D., Poulsen, B., Bindner, H. W., Lopes, J. A. P. & Mølbak, T.
01/09/2009 → 23/09/2013
Project: PhD

Synthetic aperture flow imaging using a dual beamformer approach
Li, Y., Jensen, J. A., Puthusserypady, S., D’Hooge, J. & Sörnmo, L.
01/09/2009 → 18/12/2012
Project: PhD

3D Vector Flow Imaging
15/08/2009 → 22/11/2012
Project: PhD

Real-Time Analysis of an Active Distribution Network - Coordinated Frequency Control for Islanding
Cha, S., Østergaard, J., Wu, Q., Træholt, C., Marnay, C. & Repo, S. P.
01/08/2009 → 04/04/2013
Project: PhD

Controller IC-design for piezoelectric transformer based power supply
Rødgaard, M. S., Andersen, M. A. E., Bruun, E., Carazo, A. V. & Foster, M. P.
01/07/2009 → 25/01/2013
Project: PhD

Design of digital audio Class-D output stage with feedback - emphasis on hearing aid application
Pracný, P., Bruun, E., Andersen, M. A. E., Puthusserypady, S., Bogason, G. & Wisland, D. T.
01/07/2009 → 26/09/2013
Project: PhD

Implementation of synthetic aperture ultrasound methods
Hansen, J. M., Jensen, J. A., Hanson, L. G., Holm, S. & Tanter, M.
01/07/2009 → 27/09/2012
Project: PhD

Situation Assessment for Mobile Robots
01/07/2009 → 21/06/2013
Project: PhD

Fejldiagnose og fejlhåndtering til autonome fly
Hansen, S., Blanke, M., Adrian, J., Niemann, H. H., Gustafsson, F. & Henry, D.
01/06/2009 → 21/02/2013
Project: PhD

Microwave Instrument for Vital Signs Detection and Monitoring
01/06/2009 → 25/01/2013
Project: PhD

Piezoelectric transformer based power supply for DEAP
Andersen, T., Andersen, M. A. E., Thomsen, O. C., Petersen, L. P., Carazo, A. V. & Álvarez, J. M. A.
15/05/2009 → 20/09/2012
Project: PhD
Pre-standardisation of wind power modelling
Sørensen, P. E., Margaris, I., Hansen, A. D. & Wu, Q.
01/05/2009 → 30/11/2013
Project

Protein dynamics at millisecond timescales
Bottaro, S., Ferkinghoff-Borg, J., Lindorff-Larsen, K., Sams, T., Irbäck, A. & Trovato, A.
01/05/2009 → 22/06/2012
Project: PhD

Robust and Reliable Robot Operation in Semi-Structured Environments
Bayramoglu, E., Ravn, O. & Andersen, N. A.
01/05/2009 → 15/01/2014
Project: PhD

Methods of measuring impulse responses in architectural acoustics: Master's Thesis
Torras Rosell, A. & Jacobsen, F.
08/03/2009 → 08/10/2009
Project

Electric vehicles in a Distributed and Integrated market using Sustainable energy and Open Networks
Wu, Q.
02/03/2009 → 31/12/2012
Project

High efficiency PFC frontend for class-D amplifiers
01/03/2009 → 20/09/2012
Project: PhD

Modelling human auditory-evoked brain responses to complex sounds
01/03/2009 → 25/01/2013
Project: PhD

Vacuum Devices for Terahertz Applications
Kotiranta, M. & Krozer, V.
01/03/2009 → 31/03/2010
Project: PhD

Detektion og prædiktion af epileptiske anfald
Duun-Henriksen, J., Sørensen, H. B. D., Kjær, T. W., Thomsen, C. E., Sams, T., Karstoft, H. & Van Huffel, S.
01/02/2009 → 04/04/2013
Project: PhD

Evolving Electricity Market Design for further integration of wind energy
Xu, Z. & Gan, D.
01/02/2009 → 31/10/2009
Project

Source identification with acoustic array technology based on new acoustic transducers
Fernandez Grande, E., Jacobsen, F., Juhl, P. M., Svensson, P. & Williams, E. G.
15/01/2009 → 21/08/2012
Project: PhD
Detection and Prediction of Epileptic Seizures  
Sørensen, H. B. D.  
01/01/2009 → 01/01/2012  
Project

Diagnosis of heel pad injuries  
Matteoli, S., Wilhjelm, J. E., Torp-Pedersen, S. T., Hanson, L. G., Jurvelin, J. S. & Simonsen, E. B.  
01/01/2009 → 23/05/2012  
Project: PhD

Experimental and theoretical investigation of signaling in Quorum Sensing of Pseudomonas Aeruginosa  
Claussen, A., Sams, T., Givskov, M. C., Irbäck, A. & Jalkanen, K. J.  
01/01/2009 → 04/04/2013  
Project: PhD

Prediction of speech perception based on auditory processing models  
Jespersgaard, C. F. C., Dau, T., Poulsen, T., Lorenzi, C. & Rosen, S.  
01/01/2009 → 18/12/2012  
Project: PhD

Flexible power module for fuel cell hybrid power system in a fork-lift  
Sen, G., Andersen, M. A. E., Thomsen, O. C., Nymand, M., Ferreira, J. A. & Sun, J.  
15/12/2008 → 27/09/2012  
Project: PhD

Innovative magnetic-less high power density switch-mode power supplies based on piezoelectric transformers  
Meyer, K. S. & Andersen, M. A. E.  
15/12/2008 → 27/03/2012  
Project: PhD

Planar Magnetics for High Grade Converters  
Ouyang, Z., Andersen, M. A. E., Thomsen, O. C., Wolf, C., Hurley, W. G. & Sun, J.  
15/12/2008 → 16/01/2012  
Project: PhD

Modelling and validation of Siemens Wind Power VS wind turbines and park controllers for dynamic RMS simulations using DigSILENT PowerFactory simulation program  
Akhmatov, V. & Nielsen, J. N.  
02/12/2008 → 07/12/2008  
Project

Active performance assessment and system monitoring for refrigeration systems  
01/12/2008 → 27/09/2012  
Project: PhD

Digital DC-AC Boost Amplification for Portable Audio  
Bolten Maizonave, G., Andersen, M. A. E. & Kjaergaard, C.  
01/12/2008 → 31/05/2011  
Project: PhD

Overvoltages and protection in offshore wind power grids  
Arana Aristi, I., Holbøll, J., Jensen, K. H., Nielsen, A. H., Sørensen (fratrådt), T., Rasmussen, T. W., Lund, T. & Thiringer, E. T. V.  
01/12/2008 → 22/06/2012
Wireless Communication for Hearing Aid Systems
Nour, B., Breinbjerg, O., Mortensen, N. A., Sigmund, O., Meincke, P., Kabacik, P. & Nosich, A. I.
01/12/2008 → 20/09/2012
Project: PhD

Communication architecture for service based control of distributed power systems
Kullmann, D., Bindner, H. W., Træholt, C., Jørgensen, B. N. & Sonnenschein, M.
01/11/2008 → 15/06/2016
Project: PhD

Computational management of stent-graft based minimally -invasive aortic aneurysm repairs
Traberg, M. S., Henneberg, K., Jensen, J. A., Lönn, L., Hanson, L. G., Cinthio, P. A. M. & Stålhand, J.
01/11/2008 → 21/02/2012
Project: PhD

Elektriske hovedkomponenter i vindmøller - påvirkninger, kompatibilitet og specifikationer
Leweson, M. S., Holbøll, J. & Nielsen, A. H.
01/10/2008 → 30/09/2009
Project: PhD

Knüppel, T., Østergaard, J., Dixon, A., Jensen, K. H., Nielsen, J. N., Nielsen, A. H., Andersson, G. & Pöller, M.
01/10/2008 → 18/12/2012
Project: PhD

Detection of Epileptic Seizures with Multimodal Signal Processing
Conradsen, I., Sørensen, H. B. D., Beniczky, S., Sams, T., Wolf, P., Henneberg, K., Karstoft, H. & Van Huffel, S.
01/09/2008 → 22/06/2012
Project: PhD

Electrical structure of future offshore wind turbine farms with a DC transmission connection
01/09/2008 → 16/01/2012
Project: PhD

Development of High Power Amplifiers for Space and Ground-based Applications
Hernández, C. C., Vidkjær, J., Johansen, T. K., Deborgies, F. & Van Vliet, F. E.
01/08/2008 → 21/06/2013
Project: PhD

Image processing in medical ultrasound
Hemmsen, M. C., Jensen, J. A., Kortbek, J., Martins, B., Hanson, L. G., Jansson, T. & Tortoli, P.
01/08/2008 → 14/12/2011
Project: PhD

Online stability assessments in networks with high penetration of decentralized production
Isleifsson, F. R., Bindner, H. W. & Nielsen, A. H.
01/08/2008 → 16/04/2013
Project: PhD

Energy Optimized Photovoltaic Module
Variath, R. C. & Andersen, M. A. E.
01/07/2008 → 17/04/2013
Speakers comfort and increase of their voice level in lecture rooms
Pelegrin Garcia, D., Brunskog, J., Poulsen, T., Christiansen, T. U., Bradley, J. S. & Ternström, S.
15/06/2008 → 16/01/2012
Project: PhD

Non-linear ultrasound imaging
01/06/2008 → 28/09/2011
Project: PhD

P-Band HPA Technology Assessment - ESA/ITT AO/1-5583/07/NL/JA : Evaluations and Recommendations
Vidkjær, J.
25/05/2008 → 30/05/2011
Project

P-Band HPA Technology Assessment - ESA/ITT AO/1-5583/07/NL/JA : HPA Assembly Report
Vidkjær, J.
25/05/2008 → 30/05/2011
Project

P-Band HPA Technology Assessment - ESA/ITT AO/1-5583/07/NL/JA : HPA Module and Assembly Detailed Design Report
Vidkjær, J.
25/05/2008 → 30/05/2011
Project

Diplomingeniøruddannelse i Sundhedsteknologi
01/05/2008 → 31/12/2012
Project

Enhancing Lifelong Learning for the Electrical and Information Engineering Community
Friesel, A.
01/05/2008 → 31/03/2012
Project

Superconducting Wind Turbine Generators
01/05/2008 → 21/08/2012
Project: PhD

Communication Requirements for Flexible Control of Distr. Pow. Systems
Bindner, H. W., Gehrke, O., Østergaard, J. & Andersen, C. A.
01/04/2008 → 31/03/2010
Project

Control Architecture for Future Power Systems
Heussen, K., Niemann, H. H., Lind, M., Østergaard, J., Jiang, J. & Rehtanz, C.
01/04/2008 → 21/02/2012
Project: PhD

Modelling structural acoustic properties of loudspeaker
Luan, Y., Ohlrich, M., Bech, S., Jacobsen, F., Brunskog, J., Gibbs, B. M. & Kropp, W.
15/02/2008 → 24/08/2011
Project: PhD

Robotic Manipulation of Offshore Drilling Equipment
Choux, M., Blanke, M., Hovland, G., Poulsen, N. K., Andersen, T. O. & Egeland, O.
01/02/2008 → 19/04/2012
Project: PhD

El til vejtransport, fleksible el-systemer og vindkraft
Nielsen, L. H., Morthorst, P. E., Jørgensen, K., Meibom, P., Andersen, N. J., Larsen, E., Horstmann, J., Ravn, H. V.,
Anderson, A., Nørgaard, P. H., Hansen, A. B., Pedersen, J., Abdögaard, H. & Hansen, L.
17/01/2008 → 31/12/2011
Project

Vind i Øresund - EU Interreg IV A
Wu, Q.
01/01/2008 → 31/12/2012
Project

Antenna Miniaturization in Complex Environments
Zhang, J., Breinbjerg, O., Mortensen, N. A., Sigmund, O., Meincke, P., Vázquez, M. M. & Ziólkowski, R. W.
01/01/2008 → 28/09/2011
Project: PhD

Detection of Epileptic Seizures with Multimodal Signal Processing
Sørensen, H. B. D.
01/01/2008 → 01/01/2012
Project

Processing of spatial sounds in the impaired auditory system
Arweiler, I., Buchholz, J., Dau, T., Poulsen, T., Festen, J. M. & Tchorz, J.
01/01/2008 → 14/09/2011
Project: PhD

V2G Siemens Feasibility Study (Preproject): Vehicle to Grid
01/01/2008 → 31/05/2008
Project

Coordinated frequency control of wind turbines in power systems with high wind power penetration
Tarnowski, G. C., Østergaard, J., Kjær, P. C., Sørensen, P. E., Nielsen, A. H., Erlich, I. & Pöller, M.
01/12/2007 → 27/09/2012
Project: PhD

High Quality Active Earphone System
01/12/2007 → 30/04/2009
Project: PhD

Design of Integrated Circuits Approaching Terahertz Frequencies
Yan, L., Johansen, T. K., Vidkjaer, J., Hansen, F. & Kallfass, I.
01/10/2007 → 04/04/2013
Project: PhD

Generic Virtual Power Plant for Micro Combined Heat and Power Units
You, S., Træholt, C., Poulsen, B., Rasmussen, C. N., Kempton, W. & Mølbak, T.
Powering the future data centre
Zhang, Z., Thomsen, O. C., Andersen, M. A. E., Nielsen, H. R., Kjærgaard, C. & Sun, J.
01/10/2007 → 19/01/2011
Project: PhD

Neural coding and perception of pitch in the normal and impaired human auditory system
Santurette, S., Dau, T., Buchholz, J., Poulsen, T., Lorenzi, C. & Plack, C. J.
15/08/2007 → 24/08/2011
Project: PhD

Calibrated modelling of ultrasonic fields using Field II
01/08/2007 → 24/11/2010
Project: PhD

PowerLabDK : An Experimental Research Platform for Electric Power and Energy
Østergaard, J., Nielsen, A. H., Lind, M., Holbøll, J., Træholt, C., Sørensen, P. E., Bindner, H. W., Friesel, A. & Sjøberg, P.
01/08/2007 → 01/12/2008
Project

Microwave Imaging for Breast Cancer Screening
Rubæk, T. & Zhurbenko, V.
01/07/2007 → 01/07/2010
Project

Models for Nordic Wind Energy
Carlsson, O., Østergaard, J., Uhlen, K., Lemström, B. & Palu, I.
01/06/2007 → 31/12/2010
Project

EcoGrid DK: 50% wind power in the Danish Electric Power System
01/05/2007 → 01/07/2008
Project

New Strategies for Feedback Suppression in Hearing Instruments
01/05/2007 → 01/09/2010
Project: PhD

Nonlinear Methods for Spacecraft Orbit Control using an Electrodynamic Tether
Larsen, M. B., Blanke, M., Santos, I., Ortega, R. & Wisniewski, R.
01/05/2007 → 30/09/2010
Project: PhD

Development of PMU-based early Warning Detection System for the Electric Power System
Jóhannsson, H., Nielsen, A. H., Østergaard, J., Bruun, E., Andersson, G. & Kundur, P. S.
01/04/2007 → 24/08/2011
Project: PhD

Fault Diagnosis for Identification of Deviant Behavior
Jónsson, R. I., Blanke, M., Hejsgaard, S., Poulsen, N. K., Madsen, H., Gustafsson, F. & Mol, R. M. D.
Future Network and Information architecture in electric power systems with distributed generation
Chen, Y., Østergaard, J., Xu, Z., Nielsen, A. H., Hatziargyriou, N. & Samuelsson, O.
01/04/2007 → 24/11/2010
Project: PhD

Improvement of out-of-band Behaviour in Switch Mode Amplifiers and Power Supplies by their Modulation Topology
Knott, A., Andersen, M. A. E., Pfaffinger, G., Kjaergaard, C., Kyyrä, J. & Petersen, L. P.
01/04/2007 → 29/09/2010
Project: PhD

PhD on Implementation Problems Pertaining to use of very high Voltage AC Cables in Transmission Systems
Rahimi, S. & Nielsen, A. H.
01/04/2007 → 30/09/2008
Project: PhD

Agent Based Control of Electric Power Systems with Distributed Energy Resources
15/03/2007 → 21/12/2010
Project: PhD

Agentbaserede styringsstrukturer i elsystemer med betydelig decentral produktion: PSO-projekt
Lind, M., Nielsen, A. H., Saleem, A., Bindner, H. W., Andreasen, J. & Nielsen, L. B.
01/03/2007 → 31/03/2010
Project

Sensorbaseret overvågning i byggeriet
Jakobsen, K. B.
01/03/2007 → 31/12/2010
Project

Investigating the Auditory Mechanisms Underlying the Enhancement of Speech Intelligibility by early Reflections
Favrot, S. E., Buchholz, J., Dau, T., Seeber, B. U. & Vorländer, M.
15/01/2007 → 01/09/2010
Project: PhD

Coherent Energy and Environmental System Analysis
Morthorst, P. E., Münster, M., Møller Andersen, F., Pade, L., Astrup, T. & Østergaard, J.
01/01/2007 → 31/12/2010
Project

Kompositbaserede Luftledningsystemer
Sørensen, T. K., Holbøll, J., Mikkelsen, S. D., Træholt, C., Høidalen, H. K. & Sørensen (fratrådt), T.
01/01/2007 → 22/09/2010
Project: PhD

Adaptiv Fokusering i Medicinsk Ultralyd
01/12/2006 → 26/05/2010
Project: PhD

Characterising temporal nonlinear processes in the human cochlea using otoacoustic emissions
01/12/2006 → 01/09/2010
Project: PhD
Non-invasive characterization of stored silage by acoustic means
Green, O., Jacobsen, F., Ohrich, M. & Søgaard, H. T.
01/12/2006 → 31/10/2007
Project: PhD

Objective assessment of audio quality of hearing aid processed sound using an auditory processing model
Jepsen, M. L., Dau, T., Bramslaw, L., Pedersen, M. S., Poulson, T., Kollmeier, B. & Meddis, R.
15/10/2006 → 30/06/2010
Project: PhD

Seizure Prediction
Yu, X. & Sørensen, H. B. D.
01/10/2006 → 01/10/2006
Project: PhD

Fault-tolerant Guidance for Precision Farming using 2D/3D Vision and Computer-Based Learning
Blas, M. R., Blanke, M., Madsen, T. E., Lind, M., Christensen, H. I. & Schilling, K.
01/09/2006 → 30/06/2010
Project: PhD

Modular opbygning af effektelektroniske konvertere med galvanisk isolering i effektområdet 1-10kW
Nyman, M., Andersen, M. A. E., Thomsen, O. C., Kolar, J. W. & Smedley, K.
01/09/2006 → 22/09/2010
Project: PhD

Autonomous Supervision and Control to Prevent Parametric Resonance
Galeazzi, R., Blanke, M., Jensen, J. J., Santos, I., Kinnaert, M. & Nijmeijer, H.
01/08/2006 → 03/03/2010
Project: PhD

System integration of distributed energy resources - ICT, ancillary services, and markets
Nyeng, P., Østergaard, J., Træholt, C., Bertling, L. & Järventausta, P.
01/08/2006 → 23/03/2011
Project: PhD

Achieving Channel QoS and Security with a Software Defined Radio
Andersen, B., Khajuria, S., Kaur, B., Li, Y., Sørensen, J. A. & Blaszczyk, T.
01/07/2006 → 30/06/2010
Project: PhD

Hearing aid Amplification at Soft Input Levels
01/07/2006 → 03/03/2010
Project: PhD

Sporingsteknologiske Person og Operatør Services
Jakobsen, K. B.
01/07/2006 → 31/12/2009
Project: PhD

3D Synthetic Aperture Imaging and Implementation
Andresen, H. S., Jensen, J. A., Jensen, H., Nikolov, S., Wilhjelm, J. E., Stepinski, T. & Torp, H.
01/05/2006 → 23/09/2009
Project: PhD
Advanced use of phasor measurement units in the Danish electric power system
Nielsen, A. H., Pedersen, K. O. H., Andersen, E., Østergaard, J. & Strunge, C.
01/05/2006 → 31/12/2007
Project

Highly Compact Radar Circuits Utilizing LTCC Technology
Jensen, T., Krozer, V., Pedersen, P. R., Kjærgaard, C., Gevorgian, S. & Jacob, A. F.
01/05/2006 → 24/11/2010
Project: PhD

Non-invasive in-vivo Spatial Pressure Measurement in Real Time
15/02/2006 → 23/09/2009
Project: PhD

Millimeter-Wave Integrated Circuits for Systems in Package
01/02/2006 → 18/11/2009
Project: PhD

Electricity Demand As Frequency Controlled Reserve
Østergaard, J., Xu, Z. & Togeby, M.
01/01/2006 → 31/12/2007
Project

Ultra-fast Tracking Power Converters for RF power Amplifiers
Høyerby, M. C. K., Andersen, M. A. E., Larsen, A., Johansen, T. K., Maksimovic, D. & Wolf, C.
01/01/2006 → 24/03/2010
Project: PhD

Characterizing binaural processing of amplitude modulated sounds.
Thompson, E. R., Dau, T., Akeroyd, M. A. & Kohlrausch, A.
15/10/2005 → 23/09/2009
Project: PhD

Perceptual Consequences of Impaired Auditory Signal Processing in Complex Acoustical Environments
Strelcyk, O., Dau, T., Naylor, G., Poulsen, T., Krumbholz, K. & Moore, B. C.
15/10/2005 → 24/06/2009
Project: PhD

Maintenance Free and Sustainable High-Level Control in Cement and Mining Industry
Hansen, O. F., Andersen, N. A., Ravn, O., Recke, B., Lind, M., Andersen, K. H. & Gustavsson, R.
01/10/2005 → 26/08/2009
Project: PhD

Microwave and Millimeter-Wave Signal Power Generation
01/10/2005 → 24/06/2009
Project: PhD

Design of Microwave Camera for Breast Cancer Detection
Zhurbenko, V., Krozer, V., Meincke, P., Vidkjær, J., Białkowski, M. E. & Semenov, S.
01/09/2005 → 23/12/2008
Project: PhD
Minimering af vibro-akustik i tilbagekobling (feedback) i høreapparater
Friis, L., Ohlrich, M., Jacobsen, F., Jensen, L. B., Agerkvist, F. T. & Carcaterra, A.
01/07/2005 → 20/05/2009
Project: PhD

New Technology-Driven Approaches in the Design of Preamplifiers for Condenser Microphones
01/07/2005 → 19/08/2009
Project: PhD

Transiente Forhold i Elproduktionsanlæg - Påvirkning og Konsekvens
01/07/2005 → 03/03/2010
Project: PhD

Multiresolution Spectrotemporal Analysis of Complex Sounds in the Human Auditory System
Piechowiak, T., Dau, T., Ewert, S., Poulsen, T., Par, S. V. D. & Verhey, J. L.
01/05/2005 → 18/11/2009
Project: PhD

Assessment of speech intelligibility in background noise and reverberation
Nielsen, J. B., Dau, T., Poulsen, T., Hagerman, B. & Laukli, E.
01/03/2005 → 21/12/2009
Project: PhD

Brystkræftscreening ved brug af mikrobølger
Rubæk, T., Meincke, P., Hansen, P. C., Rappaport, C. M. & Van den Berg, P. M.
01/01/2005 → 24/06/2008
Project: PhD

Implementation of Synthetic Aperture Imaging
01/01/2005 → 29/05/2008
Project: PhD

Synthetic Aperture Vector Flow Imaging
Oddershede, N., Jensen, J. A., Sørensen, H. B. D., Andersen, J. D. & Hoeks, A. P. G.
01/01/2005 → 30/04/2008
Project: PhD

Low Power Adaptive Beamforming
Jensen, M., Jacobsen, F. & Tuohy, A.
15/12/2004 → 31/10/2006
Project: PhD

Lidar for Wind Measurements
01/11/2004 → 25/03/2008
Project: PhD

Antenna Diagnostics for Spherical Near-Field Antenna Measurements
Cappellin, C., Breinbjerg, O., Frandsen, A., Kristensson, G., Castaner, M. S. & Yaghjian, A. D.
01/10/2004 → 29/01/2008
Project: PhD
High performance low cost digital controlled power conversion technology
01/10/2004 → 29/08/2008
Project: PhD

Signal Processing in the human auditory system: Auditory-evoked Brain Responses as a Correlate of Hearing Function
Pigasse, G., Dau, T., Harte, J., Poulsen, T., Lutman, M. E. & Stenfelt, S.
01/10/2004 → 23/12/2008
Project: PhD

Power System Operation and Control for Integration of Large Scale of Wind Energy
Lund, T., Nielsen, A. H., Lund, P., Sørensen, P. E., Østergaard, J., Samuelsson, O. & Thiringer, E. T. V.
01/09/2004 → 29/01/2008
Project: PhD

Methods for stability and Noise Analysis of Coupled Oscillating Systems
Djurhuus, T., Krozer, V., Vidkjær, J., Mørk, J., Leuzzi, G. & Quéré, R.
01/07/2004 → 24/08/2008
Project: PhD

Elektronisk Styrbare Antennesystemer til Satellitkommunikation
Larsen, N. V., Breinbjerg, O., Gothelf, U., Viskum, H., Kabacik, P. & Østergaard, E. A.
01/06/2004 → 29/10/2007
Project: PhD

Meta-materialer i antenne-teknik til trådløs kommunikation
Arslanagic, S., Breinbjerg, O., Mørk, J., Mosig, J. R. & Nosich, A. I.
15/03/2004 → 03/09/2007
Project: PhD

Kritiske spændingsfordelinger i store vindmøllers tørtransformatorer under transiente påvirkninger
01/02/2004 → 03/09/2007
Project: PhD

Electrical-Domain Equalization Techniques for Optical Transmission Systems
Hansen, K. A., Andreani, P. & Lobel, M.
01/01/2004 → 31/07/2006
Project: PhD

Acoustical Description of Perceptually Salient Features in Everyday Sounds
Kirkwood, B. C., Poulsen, T., Naylor, G., Bothe, H., Costall, A. P. & Pichora-Fuller, M. K.
01/10/2003 → 30/04/2007
Project: PhD

Integrated Circuit Design of Switching Power Stages for Audio Power Amplification
Nyboe, F., Andreani, P., Risbo, L., Andersen, M. A. E., Berkhout, M. & Svensson, L.
01/08/2003 → 30/01/2007
Project: PhD

Data Converters
Wismar, U. S., Andreani, P., Bruun, E., Hansen, O., Jørgensen, I. H. H. & Malcovst, P.
01/07/2003 → 16/03/2007
Project: PhD
Menneske-maskine samarbejde i distribuerede automatiseringssystemer
Olsen, M. H., Lind, M., Ravn, O., Rose, M., Blanke, M., Andersen, P. B. & Johnsen, T.
01/07/2003 → 30/03/2007
Project: PhD

Data Convertes eith Adaptive Digital Error Correction
Vandi, L., Andreani, P., Bruun, E. & Samori, C.
01/06/2003 → 30/01/2007
Project: PhD

Høreapparaters lydgengivelse ved kraftige lydniveauer, og betydningen af denne for brugerens taleforståelse og oplevelse af lyttekomfort.
Schmidt, E., Poulsen, T., Ludvigsen, C., Arlinger, S., Holube, I. & Neuman, A. C.
01/05/2003 → 02/01/2007
Project: PhD

Navigationssystemer til mobile robotter
Andersen, J. C., Ravn, O., Andersen, N. A., Poulsen, N. K., Christensen, H. I. & Henriksen, L.
15/03/2003 → 02/01/2007
Project: PhD

Elektriske Udladnings Interaktion med Vindmøllermaterialer - Specielt i Relation til Lynbeskyttelse
Madsen, S. F., Holbøll, J., Bjært, N., Henriksen, M., Jørgensen, H. J., Sørensen (fratrådt), T., Nielsen, A. H., Gockenbach, E. & Sørensen, F.
01/03/2003 → 02/01/2007
Project: PhD

Fluxdynamik i Højtemperatur Superleder
01/01/2003 → 28/04/2006
Project: PhD

Intelligent Behandling af Sensoroutput
Arrøe, S. R., Andersen, N. A. & Larsen, R.
01/01/2003 → 31/05/2004
Project: PhD

SICAM - Single Conversion Stage AMplifier
Ljusev, P., Andersen, M. A. E., Petersen, L. P., Wolf, C., Maksimovic, D. & Vanderkooy, J.
15/11/2002 → 26/06/2006
Project: PhD

Estimation of Transverse Blood Flow using Ultrasound
Udesen, J., Jensen, J. A., Jørgensen, M. Ø., Wilhjelm, J. E., Andersen, J. D. & Torp, H.
01/11/2002 → 31/05/2006
Project: PhD

Elektromagnetisk Modellering af Jordradarantenner
Lenler-Eriksen, H., Meincke, P., Hansen, T. B., Daniels, D. J. & Eide, E. S.
01/09/2002 → 06/09/2006
Project: PhD

Fejltolerant Regulering med Anvendelser Indenfor Rumfart
Ziegler, B. L., Blanke, M. & Niemann, H. H.
01/09/2002 → 30/09/2003
Ultrasound flow imaging using coded signals
Gran, F., Jensen, J. A., Sørensen, H. B. D., Stage, B. & Sörnmo, L.
01/07/2002 → 23/12/2005
Project: PhD

SAR til småfly
Kusk, A., Dall, J., Christensen, E. L., Mohr, J. J., Gustavsson, A. & Madsen, S. N.
01/04/2002 → 06/09/2006
Project: PhD

Akustisk Identifikation af Søminer
Wendelboe, G., Sørensen, H. B. D., Damsgaard, B., Jacobsen, F., Agerkvist, F. T., Juhl, P. M. & Lyons, A. P.
01/03/2002 → 30/03/2007
Project: PhD

Optisk Identifikation af søminer
01/02/2002 → 29/08/2005
Project: PhD

Havis i det Arktiske Ocean en sammenligning mellem satellit observationer og model beregninger
01/01/2002 → 25/11/2005
Project: PhD

Investigation of System Protection Schemes for the Transmission Network in Eastern Denmark
01/01/2002 → 20/03/2006
Project: PhD

RF Front-end Architecture
Wang, X., Andreani, P., Bruun, E., Christensen, K. T. & Grasset, J.
01/01/2002 → 21/04/2005
Project: PhD

Active Noise Concellation Headset
01/09/2001 → 24/11/2008
Project: PhD

Coordinated Control of Different Components in the AC Network when Connecting Non-dispatchable Generation
01/09/2001 → 15/01/2007
Project: PhD

Design and Implementation of Algorithms for Improving Synthetic Aperture Ultrasound Images
Gammelmark, K., Jensen, J. A., Dall, J., Sørensen, H. B. D., Stage, B. & Stepinski, T.
01/09/2001 → 21/12/2004
Project: PhD

Designmetoder for high-speed, high-resolution digital imaging
Motion Compensation Techniques for Aerospace
Denver, T., Jørgensen, J. L., Brauer, P., Birger, N. & Pickles, A. J.
01/09/2001 → 29/08/2005
Project: PhD

Ikke-lineær Ulfraljd Billeddannelse
Taylor, L. K. & Jensen, J. A.
01/08/2001 → 18/05/2006
Project: PhD

ACT- Active Transducer
Poulsen, S., Andersen, M. A. E., Hendricks, E., Frederiksen, T. M. & Veltman, A.
01/05/2001 → 12/02/2005
Project: PhD

Frekvensdomænedetektion af ikke metalliske antipersonel miner
Thaysen, J., Jakobsen, K. B., Gram, H. E., Troelsen, J., Andersen, J. B., Bruun, E. & Vainikainen, P.
01/05/2001 → 29/08/2005
Project: PhD

Fejltolerante powersystemer
01/02/2001 → 27/07/2004
Project: PhD

Low Power/Low Voltage Techniques for Analog CMOS Circuits
Cassia, M., Bruun, E., Andreani, P., Jørgensen, I. H. H. & Larsen, T.
01/01/2001 → 21/12/2004
Project: PhD

Avanceret polymer kabelisolation til HVDC
Rasmussen, C. N., Holbøll, J., Karthäuser, J., Henriksen, M., Tønnesen, O., Mikkelsen, S. D. & Montanari, G. C.
01/12/2000 → ...
Project: PhD

Compositional logic programming
Nilsson, J. F. & Hamfelt, A.
01/12/2000 → 01/01/9999
Project

Signal Processing in Humanitarian Demining
Hansen, L. K., Jakobsen, K. B., Karlsen, B., Sørensen, H. B. D. & Nymann, O.
01/11/2000 → 30/10/2003
Project

Statistical signal processing in humanitarian demining systems
Karlsen, B. & Sørensen, H. B. D.
Project: PhD

Benefit provide by improved High Frequecy Audibility
Vestergaard, M. D., Poulsen, T., Naylor, G., Dau, T., Arlinger, S. & Gatehouse, S.
01/10/2000 → 31/03/2004
Adaptive Signal Processing
Lerchner, A., Bothe, H., Hertz, J., Bohr, H., Gerstner, W. & Lautrup, B.
01/09/2000 → 23/08/2004
Project: PhD

A model for the representation of speech signals in normal and impaired ears
Christiansen, T. U., Poulsen, T., Henneberg, K., Christensen-Dalsgaard, J. & Meddis, R.
01/08/2000 → 12/05/2004
Project: PhD

Task Oriented Display Design Based on Invariants and Physical Laws
01/06/2000 → 12/02/2005
Project: PhD

Effekteletroniske Styre- og omformersystemer til variabelt omløbstal vindmøllegenerator
Lindholm, M., Rasmussen, T. W., Andersen, K., Pedersen, J. K., Undeland, T., Jenkins, N. & Sørensen, P. L.
01/04/2000 → 27/07/2004
Project: PhD

Integral equation techniques for computational electromagnetics
Jørgensen, E., Breinbjerg, O., Meincke, P., Hansen, P. C., Aksun, M. I. & Kolundzija, B. M.
01/04/2000 → 06/11/2003
Project: PhD

Digitalt system til SAR
Høeg, F., Christiansen, E. L., Jørgensen, J. H., Skou, N., Pedersen, P. R. & Østergaard, E. A.
01/03/2000 → 15/03/2004
Project: PhD

Power quality and stability issues of integration of large wind farms
Rosas, P. A. C., Nielsen, A. H., Bindner, H. W., Sørensen, P. E., Lindahl, S. O., Nielsen, J. E. & Pedersen, J. K.
01/03/2000 → 13/08/2003
Project: PhD

Energibesparende ensretter (ettrins konverter)
01/02/2000 → 12/01/2004
Project: PhD

Integretert bredbånds I/Q modulator/demodulator til SAR-system
01/02/2000 → 20/11/2003
Project: PhD

Dynamics and control of thrusters for ships and underwater vehicles
Blanke, M., Fossen, T. I. & Lindegaard, P.
01/01/2000 → 01/01/1999
Project

Fault-tolerant control for complex systems
Blanke, M., Åström, K. J., Schaufelberger, W., Albertos, P., Zang, Z. & Zamanabadi, R.
01/01/2000 → 01/01/1999
Project
Filtering of data from road profilographs
Gaunholt, H. & Grønskov, L.
01/01/2000 → 31/12/2001
Project

Konvertering af danske vinddata til "Database on Wind Characteristics"
Hansen, K. S.
01/01/2000 → 31/12/2001
Project

Lirene.net
Melody, W. H., Skouby, K. E., Henten, A., Falch, M., Tadayoni, R. & Samrajiva, R.
01/01/2000 → 31/01/2005
Project

Multisensory sound source localization
Bothe, H. & Placensia, N.
01/01/2000 → 31/12/2000
Project

Triclop - an artificial silicon retina
Bothe, H., Buchheister, M. & Elgeti, S.
01/01/2000 → 31/12/2000
Project

Analysis of dynamic behaviour of electric power systems with large amount of wind power
Akhmatov, V., Nielsen, A. H., Nielsen, J. N., Poulsen, N. K., Hansen, M. O. L., Gertmar, L. & Jenkins, N.
15/11/1999 → 18/11/2003
Project: PhD

Integrated circuits in medical ultrasound
Tomov, B. G., Jensen, J. A., Bruun, E., Sparsø, J., Sørensen, H. B. D., Roth, O. & Öwall, V.
15/11/1999 → 22/08/2003
Project: PhD

Udvikling af CdZnTe detektorsystemer for rumforskning
Kuvvetli, I., Korsbch, U. C. C., Thuesen, G., Jensen, M. & Lebrun, F.
15/11/1999 → 27/11/2003
Project: PhD

New Methods for Transducer Calibration
Barrera Figueroa, S., Jacobsen, F., Rasmussen, K., Juhl, P. M., Roth, O. & Vorländer, M.
01/11/1999 → 27/06/2003
Project: PhD

EUCAS 2001 Conference - Copenhagen
01/08/1999 → 01/11/2001
Project

Implementerbare transpondere til nerve sensorer
01/06/1999 → 01/03/2004
Project: PhD
Transient analyse af superledende kabler
Jensen, K. H., Tønnesen, O., Däumling (fratrådt), M., Lomholt, K., Pedersen, N. F., Hansen, J. O. B. & Hörnfeldt, S. P.
01/06/1999 → 10/09/2002
Project: PhD

Ny kabelisolation til højspændt jævnstrøm (HVDC)
Hjerrild, J., Holbøll, J., Henriksen, M., Karthäuser, J., Tønnesen, O., Hegerberg, R. & Sørensen, F.
01/04/1999 → 17/06/2002
Project: PhD

Integration of AGS and CGS
Korsbech, U. C. C., Bargholz, K. & Aage, H. K.
15/03/1999 → 30/08/1999
Project

Realtidssystemer til automatiserings- og styringsformål
Braithwaite, I. D. & Andersen, N. A.
01/03/1999 → 27/11/2002
Project: PhD

Next Generation Synthetic Aperture Radar (SAR++)
Madsen, S. N., Christensen, E. L., Jørgensen, J. H., Johansen, T. K., Høeg, F., Skou, N., Sørensen, P., Andersen, B. K.,
Vidkjær, J., Breten, M., Brændstrup, B., Granholm, J., Lindqvist, G. A. & Søbjærg, S. S.
01/02/1999 → 30/06/2003
Project

Polarimetriske radiometre og anvendelse heraf
Søbjærg, S. S., Skou, N., Skriver, H. & Hallikainen, M.
01/02/1999 → 14/05/2003
Project: PhD

Udvikling af en generel metode til højpræcisions interkalibrering af vektorinstrumenter
Jørgensen, P. S., Jørgensen, J. L., Brauer, P., Risbo, T., Lühr, H., Birger, N. & Thuesen, G.
01/02/1999 → 18/09/2002
Project: PhD

Fundamental fault detection
Niemann, H. H., Saberi, A., Stoorvogel, A. & Peddapullaiah, S.
01/01/1999 → 31/12/2001
Project

GLIMS Regional Center for Greenland
Reeh, N. & Kristensen, S. S.
01/01/1999 → 31/12/2002
Project

Hurtig signalbehandling med PFGA kredse for 3D-ultralydscanning
Pedersen, H. M. & Jensen, J. A.
01/01/1999 → 01/10/2000
Project: PhD

ONTOQUERY Ontology-based Querying
Nilsson, J. F., Bruun, H., Oldager, S. N., Paggio, P., Pedersen, B. S., Madsen, B. N., Thomsen, H. E., Andreasen, T.,
Christiansen, H., Knappe, R., Bulskov, H. & Jensen, P. A.
01/01/1999 → 31/12/2004
Development and Implementation of Interferometric SAR Processor, GSTP ph-1
Madsen, S. N. & Mohr, J. J.
01/12/1998 → 30/04/2001

Distributed Multimedia
Skouby, K. E., Falch, M., Henten, A. & Barduca, O.
01/12/1998 → 31/12/2001

Numerical Transducer Modelling
Cutanda Henriquez, V., Jacobsen, F., Gramtorp, J., Tarnow, V. & Hamdi, M. A.
01/09/1998 → 13/03/2002

Stabilitet og performance af neurale regulatorer
Luther, J. B., Hendricks, E., Jantzen, J., Pianese, C. & Svarer, C.
01/09/1998 → 18/03/2005

Styring og instrumentering af autonomt ubemandet luftfartøj
Nissen, H. D., Jannerup, O. E., Sørensen, P. H., Hendricks, E., Berg, J. & Bindner, H. W.
01/09/1998 → 28/05/2003

Three-dimensional real-time ultrasound imaging
01/09/1998 → 14/03/2002

Pulse Edge Delay Error Correction
Andersen, M. A. E., Christensen, F. S. & Nielsen, K.
01/08/1998 → 31/07/1999

Vertical Deflection in TV
Andersen, M. A. E. & Frederiksen, T. M.
01/08/1998 → 31/07/1999

Ice thickness and ice-surface elevation in Greenland
Reeh, N. & Christensen, E. L.
01/07/1998 → …

Electromagnetic inverse scattering
Meincke, P. & Tsihrintzis, G.
01/05/1998 → 01/01/1999

Fast ultrasound imaging using coded signals
Misaridis, A., Jensen, J. A., Gaunholt, H., Franciscus, A. & Roth, O.
01/05/1998 → 04/01/2002

Advanced Stellar Compass For the SAC-C satellite
Jørgensen, J. L., Betto, M., Kilsgaard, S., Korsbech, U. C. C., Guldager, P. B., Riis, T., Thuesen, G. & Denver, T.
05/03/1998 → 01/01/1999
Project

Low power CMOS chip design
Christensen, K. T., Bruun, E., Olesen, O., Rebild, D., Gaunholt, H., Johansen, E. & Qiuting, H.
01/02/1998 → 11/12/2001
Project: PhD

Gyldigheden om antagelsen om Gaussisk Turbulens
Hansen, K. S.
01/01/1998 → 31/12/1999
Project

On-board satellite autonomous orbit determination
Betto, M., Jørgensen, J. L., Korsbech, U. C. C., Birger, N. & Pickles, A. J.
01/01/1998 → 22/10/2001
Project: PhD

rev. slutdato 15. august 98
Møller, K. J. & Madsen, S. N.
01/01/1998 → 01/04/2000
Project: PhD

Robust control of non-linear systems
01/01/1998 → 30/08/2002
Project: PhD

SEALION, SEa cie in the Antarctic Linked with OceaN-atmosphere forcing
Pedersen, L. T. & Saldo, R.
01/01/1998 → 31/12/2000
Project

Statistical Energy Analysis Thematic Network (SEANET)
Ohlrich, M.
01/01/1998 → 31/12/2001
Project

Styring af hurtige flexible robotter
Nielsen, H. S., Sørensen, P. H., Ravn, O., Jannerup, O. E., Holm, H. & Siciliano, B.
01/01/1998 → 29/08/2001
Project: PhD

Udvikling af karakterisering af algoritmer til estimation af blodhastighed med ultralyd
Schlaikjer, M., Jensen, J. A., Wilhjelm, J. E., Andersen, J. D. & Torp, H.
01/01/1998 → 04/09/2001
Project: PhD

Adaptive methods for transceivers
Nielsen, P. A., Bruun, E., Olesen, O., Rebild, D., Vidkjær, J., Rahkonen, T. & Nielsen, P. Ø.
01/12/1997 → 07/09/2001
Project: PhD
Design Techniques for Submicron RF Power amplifiers
Fallesen, C., Bruun, E., Olesen, O., Rahkonen, T., Johansen, E. & Vidkjær, J.
01/12/1997 → 15/11/2001
Project: PhD

Multi-frekvens, multi-polarisations antenner til telemålingsformål
01/12/1997 → 09/04/2001
Project: PhD

Fremstilling af digitale topografiske kort ved hjælp af syntetisk apertur radar
Schou, J., Skriver, H., Dall, J., Madsen, S. N., Dierking, W. & Krogager, E.
01/11/1997 → 16/11/2001
Project: PhD

Topographic mapping by SAR
Skriver, H., Dall, J., Madsen, S. N., Schou, J., Dierking, W., Jacobi, O., Dueholm, K., Frederiksen, P., Jørgensen, L. T. & Knudsen, P.
01/11/1997 → 31/12/2000
Project

Autonom detektion, sporing og fastholdelse af objekter i field of view i et satellitbaseret kamerasystem
Riis, T., Jørgensen, J. L. & Birger, N.
01/09/1997 → 23/10/2000
Project: PhD

Biotelemetri systemer
Gudnason, G., Bruun, E., Hansen, O., Jørgensen, I. H. H. & Lande, T. S.
01/09/1997 → 04/01/2002
Project: PhD

Regulering af systemer med begrænsninger
Bak, M., Ravn, O., Poulsen, N. K., Jannerup, O. E., Rasmussen, H. & Raymond, H.
01/09/1997 → 18/04/2001
Project: PhD

High temperature superconducters for transmission of electric energy
Olsen, S. K. & Tønnesen, O.
01/06/1997 → 01/01/2001
Project: PhD

Real-Time ‘Plant-Wide’ Diagnosis
Petersen, J., Lind, M. & Blanke, M.
01/05/1997 → 27/03/2000
Project: PhD

Superconducting power cable termination
Rasmussen, C. & Tønnesen, O.
01/05/1997 → 08/11/2000
Project: PhD

Navigation
Larsen, M. B., Andersen, N. A., Lind, M., Blanke, M., Holst, J. & Pascoal, A. M.
01/03/1997 → 04/12/2002
Project: PhD
Standby spændingsforsyninger
Nielsen, N., Andersen, M. A. E. & Pedersen, J. K.
01/03/1997 → 08/11/2000
Project: PhD

Control of fast flexible robots
Poulsen, N. C. & Sørensen, P. H.
01/02/1997 → 01/09/1997
Project: PhD

SMEAR, Automatic Screening For Cervical Cancer
Jantzen, J., Andersen, N. A. & Bjerregaard, B.
01/02/1997 → 31/12/2000
Project

Det Ulfeldtske chifferbrev
Franksen, O. I., Nissen, K. & Heiberg, S.
01/01/1997 → 01/01/9999
Project

Graduate School in Microelectronics
01/01/1997 → 31/12/2001
Project

Radar Interferometry of Aeolian Surfaces
Madsen, S. N., Rosen, P. A. & Rasmussen, K. R.
01/01/1997 → 31/12/1997
Project

Adaptive control of a cutting process.
Poulsen, N. K., Nørgård, P. M., Ravn, O. & Bäckström, M.
05/12/1996 → 05/12/1997
Project

Superledende strømbegrænsere
Nielsen, J. N., Tennesen, O. & Jørgensen, P.
01/12/1996 → ...
Project: PhD

Modular Supervisory Controller for Hybrid Power systems
Pereira, A. D. L., Jannerup, O. E., Henningsen, A. & Lind, M.
01/11/1996 → 07/09/2000
Project: PhD

Airborne and grounded based gamma-ray
Bargholz, K., Korsbech, U. C. C., Jørgensen, J. L., Roed, J. & Samuelsson, C.
01/09/1996 → 19/11/2001
Project: PhD

Estimation af hastighedsvektor ved anvendelse af ultralyd
Munk, P., Jensen, J. A., Andersen, O. T., Hald, J. & Wilhjelm, J. E.
01/09/1996 → 07/06/2000
Project: PhD
Sample-Signal Arkitekturer til Radiomodtagere
Wad, P. E., Bruun, E. & Olesen, O.
01/09/1996 → 31/08/1998
Project: PhD

Spatially extended sound equalisation in rooms
Orozco, A.
01/09/1996 → ...
Project

Spatially extended sound equalisation in rooms at low frequencies
Orozco, A., Jacobsen, F., Gade, A. C. & Hald, J.
01/09/1996 → 31/03/2000
Project: PhD

A Port Air Mass Flow Sensor
Hendricks, E.
01/08/1996 → ...
Project

Scalar magnetometers.
Laursen, I., Ardenkjær-Larsen, J. H. & Petersen, J. R.
01/08/1996 → 31/12/1999
Project

Optical phase locked loops for phased array communication antennas
Gliese, U. B.
01/07/1996 → 31/03/1998
Project

Airborne gamma-ray surveys in Latvia
Korsbech, U. C. C., Andersen, F., Bargholz, K. & Hovgaard, J.
01/06/1996 → 31/10/1997
Project

Klassifikation af afgrøder
Svendsen, M. T., Madsen, S. N., Dall, J., Skriver, H., Dierking, W. & Krogager, E.
01/05/1996 → 16/11/2001
Project: PhD

Mobils system til tilstandsvurdeirng af AC-højspændingskabler
Villefrance, R., Henriksen, M. & Sørensen, J. A.
01/05/1996 → 11/08/1999
Project: PhD

AC-anvendelser af højtemperatursuperledere
Pinholt, H. U., Tennesen, O. & Vase, P.
01/03/1996 → 15/08/1998
Project: PhD

Korrelations radiometri:
Laursen, B., Skou, N. & Christensen, E. L.
01/03/1996 → 01/01/1999
Project: PhD
Ph.d. project, Henriette Understrup: AC applications for high temperature superconductors
01/03/1996 → 01/09/1998

Power Quality (PQ) Modelling
Dalby, A. B., Andersen, H. & Bang, J. W.
01/03/1996 → 31/12/1997

Udformning af procesdisplays
01/03/1996 → ...

Active control of noise radiation from vibrating structures
Mørkholt, J.
01/02/1996 → 30/04/1999

Aktiv kontrol af udstrålet stød fra vibrerende strukturer
Mørkholt, J., Jacobsen, F. & Poulsen, N. K.
01/02/1996 → 17/11/1999

ALARM, Soft Protection in Power Plants
Jantzen, J., Bahar (fratrådt), M. & Mølbak, T.
01/02/1996 → 31/08/1998

Distribueret styring af autonome systemer
Lildballe (fratrådt), J., Ravn, O., Perram-John, W., Sørensen, P. H. & Sørensen, A. T.
01/02/1996 → 25/06/1999

Fuzzt alarmbehandling på kraftværker
Bahar (fratrådt), M. & Jantzen, J.
01/02/1996 → 01/10/1998

Modellering af mikrobølgesignaturer for havis
Thomsen, B. B., Christensen, E. L., Pedersen, L. T., Askne, J., Coon, M. & Skriver, H.
01/02/1996 → 19/09/2001

Examination of statistical methods for analysis of gamma-ray spectra
Korsbech, U. C. C. & Paulsen, D. E.
16/01/1996 → 31/03/1996

A control method for test of the attenuation of ear-plugs for musicians
Poulsen, T.
01/01/1996 → ...

Project
Characterization and utilization of plant fibres for new, environmentally friendly products
Hoffmeyer, P. & Strømdahl, K.
01/01/1996 → 31/12/2000
Project

Detection of landmines for humanitarian demining - a feasibility study
Møltoft, J., Jakobsen, K. B., Yde, B., Mælkjær, F. & Sørensen, H. B. D.
01/01/1996 → 30/09/1996
Project

Engineering problem solving and use of knowledge
01/01/1996 → 01/01/9999
Project

PIPESCAN
Lind, M., Larsen, M. B. & Andersen, N. A.
01/01/1996 → 31/12/1998
Project

Optimal Reguleringsteknisk Sensorudnyttelse
Larsen, T. D., Andersen, N. A., Christensen, H. I. & Sørensen, P. H.
01/10/1995 → 03/02/1999
Project: PhD

HIGHWAY
01/09/1995 → 31/08/1998
Project

Phased array WDM
Nicolaisen, E., Povlsen, J. H. & Rasmussen, J. K.
01/09/1995 → 01/10/1997
Project

Ulineær Digital Filtrering
Bysted, T. K., Gaunholt, H. & Roth, O.
01/09/1995 → 15/09/1999
Project: PhD

WDM Networks and Transmission
Pedersen, R. J. S., Jeppesen, P., Rasmussen, C. J., Kjeldsen, P. M., Jørgensen, B. F., Peucheret, C., Johansson, S., Nielsen, S. K. & Kristensen, M.
01/09/1995 → 31/12/1998
Project

DK-Superconductors in the Electric Power Sector
Tønnesen, O., Pinholt, H. U., Holm (fratrådt), J., Andersen, E., Larsen, J., Olsen (fratrådt), O. D., Christensen, J. E. B., Däumling (fratrådt), M., Holbøll, J., Kyhle, A. & Nielsen, J. N.
01/05/1995 → 01/05/2002
Project

Højeffektive effektforstærkere
Nielsen, K., Andersen, M. A. E. & Sørensen, J. A.
Styresystem til ubemandet miljø-ubåd
Ishøj-Rasmussen, A. & Lind, M.
01/04/1995 → 01/05/1997
Project: PhD

Home Automation
Pedersen, K. O. H. & Kofod, C.
01/02/1995 → 01/01/9999
Project

Analyse af satellitantenner med ekstrem nøjagtighed
Lumholt, M., Breinbjerg, O., Andersen, J. B. & Maci, S.
01/01/1995 → 27/03/1998
Project: PhD

Danske bidrag til kryptografiens historie
Franksen, O. I. & Nissen, K.
01/01/1995 → ...
Project

ERUDIT, European Network in Uncertainty Techniques Developments for Use in Information Technology
Jantzen, J., Mamdani, E. & Zimmermann, H.
01/01/1995 → 31/03/2000
Project

Feltlinrettede strømme i jordens magnetosfære
Gjerløv, J. W., Korsbech, U. C. C. & Høeg, P.
01/01/1995 → 01/07/1998
Project: PhD

Locating earth fault in distribution network with Petersen coil
Nielsen, A. H. & Jørgensen, H. J.
01/01/1995 → 01/01/9999
Project

Robust og optimal regulering af samplede systemer
Rank, M. L., Niemann, H. H., Parkum, J. E. & Stoustrup, J.
01/01/1995 → 21/02/1999
Project: PhD

Okklusionseffekters betydning for lydkvalitet og fysisk komfort
Spurs, T. M. & Poulsen, T.
01/12/1994 → 25/06/1998
Project: PhD

Radar Remote Sensing of Soil Moisture
JIANKANG, J., Skriver, H. & Madsen, S. N.
01/12/1994 → 13/11/2000
Project: PhD

Analoge signalbehandlingsmetoder til anvendelse i forbindelse med intelligent transducere
Steensgaard-Madsen, J., Bruun, E. & Nielsen, P. Ø.
01/11/1994 → 08/03/1999
Videnintegration i intelligente kontrolsystemer
Henriksen, L., Andersen, N. A., Sørensen, P. H. & Vølund, A.

Wide bandwidth control of the air-fuel ratio of spark ignition engines
01/08/1994 → 25/05/2000

EMAC campaigns
Grinder-Pedersen, J., Christensen, E. L., Dall, J., Kristensen, S. S., Madsen, S. N., Rezai, M., Sørensen, P., Woelders, K., Theakstone, W., Guneriusen, T., Hallikainen, M., van de Griend, A., Attema, E. & Wooding, M.
23/06/1994 → 13/04/1997

SESDIP, Structural Evaluation of Synthesis of Distributed Industrial Processes
Jantzen, J., Bahar (fratrådt), M., Karcanias, N., Koivo, H., Malabre, M., Groumpos, P., Mantzari, P. & Dion, J.
23/06/1994 → 22/06/1996

Optically Active Materials in Fibers and Silica-on-Silicon Integrated Photonics Circuits
Bjarklev, A. O.
15/06/1994 → 30/06/1998

Luftbåren Gamma-Strålingsspektrometri Airborne Gamma-Ray Spectrometry
Hovgaard, J., Korsbech, U. C. C., Roed, J. & Trumpy, G.
01/04/1994 → 25/03/1998

Object Based Large Scale Reuse in Industrial Systems Design
Sørensen, M., Lind, M. & Jannerup, O. E.
01/03/1994 → 09/09/1997

Danish Center for Remote Sensing (DCRS)
01/02/1994 → 31/01/1999
Fejlanalyse af proceskontrolsystemer
Jalashgar, A., Lind, M., Jørgensen, S. B. & Larsson, J. E.
01/02/1994 → 27/05/1997
Project: PhD

Handlingsstruktur i robot og proceskontrolsystemer
Poulsen, H., Lind, M., Andersen, P. B. & Sørensen, P. H.
01/02/1994 → 23/01/1998
Project: PhD

Sediment Transport and Dune Dynamics (ERS-1/2 PI study)
Madsen, S. N., Møller, K. J., Mohr, J. J. & Rasmussen, K. R.
01/02/1994 → 01/06/1999
Project

Vegetation and soil
Skriver, H., Svendsen, M. T., McCloy, K., Thomsen, A., Hansen, B. U., Nielsen, A. A. & Groom, G.
01/02/1994 → 31/12/2000
Project

Geological mapping in Greenland
Dall, J., Dierking, W., Madsen, S. N., Larsen, H. C., Brooks, C. K. & Nielsen, T.
01/01/1994 → 31/12/1997
Project

Robust Human Machine Interaction 'ROHMI'
Lind, M., Passen, R. M. M. V. & Poulsen, H.
01/01/1994 → 31/12/1996
Project

Dynamic performance of HVDC lines
Rønne-Hansen, J. & Jensen, M. B.
01/12/1993 → 31/01/1997
Project

SAR - Interferometri.
Mohr, J. J., Madsen, S. N., Askne, J., Christensen, E. L. & Tscherning, C. C.
01/11/1993 → 06/10/1997
Project: PhD

Akutiske finite element beregninger i tidsdomænet
Jensen, M. S., Jacobsen, F., Barker, V. A. & Hald, J.
01/08/1993 → 23/04/1997
Project: PhD

MIRAS
Skou, N., Laursen, B. & Søbjærg, S. S.
01/07/1993 → 01/07/1999
Project

Principper og metoder for analog signalbehandling af transducersignaler.
Jørgensen, I. H. H., Bruun, E., Helwigh, H. E. & Nielsen, L. D.
01/07/1993 → 28/05/1997
Project: PhD
VLSI kredsløb til analog signalbehandling i forbindelse med intelligente transducere.
Fürst, C. E., Bruun, E., Hansen, O., Helwigh, H. E. & Nielsen, P. Ø.
01/07/1993 → 09/09/1997
Project: PhD

Dosimetri af beta- og lavenergetisk foton-stråling.
Borg, J., Korsbech, U. C. C. & Trumpy, G.
01/03/1993 → 04/09/1996
Project: PhD

Avancerede metoder i adaptiv regulering
Nørgård, P. M., Ravn, O., Hansen, L. K., Poulsen, N. K., Jantzen, J. & Wagner, C. H.
01/02/1993 → 20/09/1996
Project: PhD

Designmetoder og tekniker for højhastigs VLSI-kredse
Midtgaard, J., Olesen, O., Sparse, J. & Svensson, C.
01/02/1993 → 14/01/1997
Project: PhD

Mechatronic approach in design and modelling of robotic manipulators
Baungaard, J. R., Ravn, O., Poulsen, N. K., Abildgaard, O. & Jannerup, O. E.
01/02/1993 → 04/09/1996
Project: PhD

Superledende mikrobølgekredsløb
Hagensen, M., Knudsen, B., Mygind, J. & Vidkjær, J.
01/12/1992 → 31/03/1995
Project: PhD

IMCIA Intelligent Motion Control & Intelligent Actuators.
29/10/1992 → 31/12/1997
Project

Modelanvendelse i integreret design af transportsystemer
Andersen, G. L., Lind, M. & Holm, H.
01/10/1992 → 27/11/1996
Project: PhD

Mean value metoden
Hugin, C. T., Ohrlich, M. & Ødegaard, J.
01/09/1992 → 17/08/1995
Project: PhD

Grafgrammatiker og grafiske editorer til modelbygning
Duschek, J. & Lind, M.
01/08/1992 → 09/05/1996
Project: PhD

Syntese af parallele systemarkitekturer til robotstyringsformål
Hald, B., Olesen, O. & Madsen, J.
01/08/1992 → 21/03/1997
Project: PhD

Modelanvendelse i integreret design af transportsystemer
Andersen, G. L., Lind, M. & Holm, H.
01/10/1992 → 27/11/1996
Project: PhD

Mean value metoden
Hugin, C. T., Ohrlich, M. & Ødegaard, J.
01/09/1992 → 17/08/1995
Project: PhD

Grafgrammatiker og grafiske editorer til modelbygning
Duschek, J. & Lind, M.
01/08/1992 → 09/05/1996
Project: PhD

Syntese af parallele systemarkitekturer til robotstyringsformål
Hald, B., Olesen, O. & Madsen, J.
01/08/1992 → 21/03/1997
Project: PhD

Modelanvendelse i integreret design af transportsystemer
Andersen, G. L., Lind, M. & Holm, H.
01/10/1992 → 27/11/1996
Project: PhD

Mean value metoden
Hugin, C. T., Ohrlich, M. & Ødegaard, J.
01/09/1992 → 17/08/1995
Project: PhD

Grafgrammatiker og grafiske editorer til modelbygning
Duschek, J. & Lind, M.
01/08/1992 → 09/05/1996
Project: PhD

Syntese af parallele systemarkitekturer til robotstyringsformål
Hald, B., Olesen, O. & Madsen, J.
01/08/1992 → 21/03/1997
Project: PhD
**Huses beskyttende virkning ved luftforurningsuheld**
Fogh, C. L. & Korsbech, U. C. C.
01/04/1992 → 10/04/1995
Project: PhD

**Realtidskontrol af ikke-lineære systemer**
Vesterholm, T., Ravn, O., Hendricks, E., Houbak, N. & Sorenson, S. C.
01/04/1992 → 25/08/1995
Project: PhD

**Specifikation, syntese og verifikation af komplekse ASIC's eksemplificeret inden for det synkron digitale hierarki**
Lindqvist, L., Olesen, O. & Madsen, J.
01/03/1992 → …
Project: PhD

**Opbygning af et digitalt objektorienteret robotsystem som tillader integration af eksterne sensorer**
Poulsen, B., Jannerup, O. E. & Rasmussen, H.
01/02/1992 → 02/08/1995
Project: PhD

**Principper og metoder til current mode analog signalbehandling**
Kaulberg, T., Bruun, E. & Helwigh, H. E.
01/02/1992 → 02/01/1996
Project: PhD

**Samtidig tids- og frekvensanalyse**
Agerkvist, F. T., Jacobsen, F. & Elberling, C.
01/02/1992 → 02/08/1995
Project: PhD

**Acoustics and geometries of concert halls**
Gade, A. C. & Weitze, C. A.
01/01/1992 → …
Project

**Danish Primary Laboratory on Acoustics**
Rasmussen, K. & Olsen, E. S.
01/01/1992 → …
Project

**Design af analogeinterface-chip**
Ølgaard, C. & Olesen, O.
01/01/1992 → 25/09/1995
Project: PhD

**VSLI implementering af neurale netværk**
Lansner, J. & Bruun, E.
01/10/1991 → 21/03/1995
Project: PhD

**Neurale netværk i VLSI teknologi**
Lehmann, T., Bruun, E. & Skelboe, S.
01/09/1991 → 09/01/1995
Project: PhD
Selecting hearing aid amplification for different listening conditions
Keidser, G. & Poulsen, T.
01/09/1991 → 26/09/1995
Project: PhD

The boundary element method for sound field calculations
Juhl, P. M. & Jacobsen, F.
01/02/1991 → 21/03/1994
Project: PhD

Optical Current sensor for high voltage applications
Petersen, A. E. & Tønnesen, O.
01/01/1991 → …
Project: PhD

Undersøgelse af sammenhæng mellem elfiltres rensningsgrad og agglomeringeogenskaber af forskellige typer flyveaske
Kildeø, J., Bruun, E., Bhatia, V. K., Lind, L. & Larsen, P. S.
01/01/1991 → 29/10/1993
Project: PhD

Design of Analogue Integrated Circuits for Very Low Frequency Signal Processing
Shah, P. J. & Bruun, E.
01/09/1990 → 01/01/1994
Project: PhD

Formel syntese udfra høj-niveau syntese
Bojsen, P., Olesen, O. & Madsen, J.
01/09/1990 → 21/03/1995
Project: PhD

Planlægning i procesanlæg
Larsen, M. N. & Lind, M.
01/08/1990 → 02/08/1995
Project: PhD

Datamaskinearkitektur og teknologi til implementering af højhastigheds digitale signalbehandlingssystemer
Jørgensen, J. H., Christensen, E. L. & Roth, O.
01/09/1989 → 02/08/1995
Project: PhD

Designmetodologi for højhastighedskredsløb
Jensen, O. P., Olesen, O. & Stassen, F.
01/09/1989 → 01/07/1996
Project: PhD

Formulering af generiske MFM-modeller for skibssystemer med henblik på brug i diagnosesystemer
Jørgensen, S. S. & Lind, M.
01/09/1989 → 04/10/1993
Project: PhD

Graphical Control Environment (GRACE)
Osman, A., Lind, M. & Andersen, P. B.
01/02/1989 → 15/06/1994
Project: PhD
Programmable signal processing elements
Nygreen, F., Christensen, E. L., Madsen, S. N., Møller, P. K. & Roth, O.
01/02/1987 → 15/08/1995
Project: PhD

Design of Adaptive Systems
Ravn, O., Andersen, K. & Vølund, A.
01/09/1984 → 12/06/1996
Project: PhD

Adaptive Control
Ravn, O. & Nørgård, P. M.
01/01/1983 → 01/01/1993
Project

Positron annihilation
Trumpy, G., Eldrup, M. & Koch, C.
01/01/1972 → 31/12/1999
Project

Activities:

DTU CEE Summer School 2018: Modern Optimization in Energy Systems
Kazempour, J. (Organizer)
25 Jun 2018 → 29 Jun 2018
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Mechanical Systems and Signal Processing (Journal)
Lylloff, O. A. (Reviewer)
5 Apr 2018 → 2 May 2018
Activity: Research › Peer review of manuscripts

IEEE Transactions on Sustainable Energy (Journal)
Jia, J. (Reviewer)
Mar 2018 → …
Activity: Research › Peer review of manuscripts

The 14th International Conference on Developments in Power System Protection (DPSP 2018)
Jia, J. (Participant)
12 Mar 2018 → 15 Mar 2018
Activity: Attending an event › Participating in or organising a conference

Noise Quantification with Beamforming Deconvolution: Effects of Regularization and Boundary Conditions
Lylloff, O. A. (Speaker)
6 Mar 2018
Activity: Talks and presentations › Conference presentations

Special 3-week PhD/MSc level course at DTU on "Large-scale optimization problems in energy systems: Applications of decomposition techniques"
Kazempour, J. (Lecturer)
2 Jan 2018 → 22 Jan 2018
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

A correlation metric in the envelope power spectrum domain for speech intelligibility prediction
Iborra, H. R. (Guest lecturer)
2017
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

A correlation metric in the envelope power spectrum domain for speech intelligibility prediction
Iborra, H. R. (Guest lecturer)
2017
Activity: Talks and presentations › Conference presentations

Chimera states - mythological monsters from math arise in the real world
Martens, E. A. (Speaker)
2017
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Extending a computational model of auditory processing towards speech intelligibility prediction
Iborra, H. R. (Guest lecturer)
2017
Activity: Talks and presentations › Conference presentations

ISMRM study group on Detection and Correction of Motion in MRI and MRS (External organisation)
Hanson, L. G. (Chairman)
2017 → 2018
Activity: Membership › Membership of research networks or expert groups

Proceedings of the International Symposium on Auditory and Audiological Research (Journal)
Santurette, S. (Editor), Dau, T. (Editor)
2017 → …
Activity: Research › Series editor

Scientific Committee of the European Congress of Medical Physics 2018 (External organisation)
Hanson, L. G. (Member)
2017 → 2018
Activity: Membership › Membership of research networks or expert groups

KTH - Royal Institute of Technology (External organisation)
Marinelli, M. (Chairman)
18 Dec 2017
Activity: Membership › Membership in review committee

Smart campus data and analysis sustain 2017
Schultz, O. (Lecturer)
6 Dec 2017
Activity: Talks and presentations › Conference presentations

Member of the Technical Committee (TC) of 2018 IEEE International Future Energy Challenge (IFEC)
Zhang, Z. (Organizer)
28 Nov 2017 → 19 Jul 2018
Activity: Attending an event › Participating in or organising a conference

The Poul la Cour Tunnel: A new aerodynamic and aeroacoustic wind tunnel dedicated to wind energy
Bak, C. (Other), Fischer, A. (Other), Mikkelsen, R. F. (Other), Olsen, A. S. (Other), Gaunaa, M. (Other), Fernandez Grande, E. (Other), Skrzypinski, W. R. (Other)
28 Nov 2017 → 30 Nov 2017
Activity: Talks and presentations › Conference presentations

International Symposium on Future I&C for Nuclear Power Plants
Kirchhübel, D. (Speaker)
26 Nov 2017 → 29 Nov 2017
External examiner on PhD defense by PhD student Farideh Javidi Niroumand
Andersen, M. A. E. (External examiner)
20 Nov 2017

University of California, San Diego
Nguyen, H. T. (Visiting researcher)
20 Nov 2017 → 15 Mar 2018

Principles and Applications of Dissolution Dynamic Nuclear Polarization
Zhurbenko, V. (Participant)
13 Nov 2017 → 17 Nov 2017

University of New South Wales
Rasmussen, T. B. (Visiting researcher)
13 Nov 2017 → 10 Feb 2018

Responsible Conduct of Research
Zhurbenko, V. (Participant)
1 Nov 2017

IEEE Transactions on Sustainable Energy (Journal)
Rasmussen, T. B. (Reviewer)
Oct 2017 → …

International Journal of Distributed Sensor Networks (Journal)
Rasmussen, T. B. (Reviewer)
Oct 2017 → …

Evaluation of respiratory motion correction in PET/CT using a 3D printed phantom
Vilsbøll, J. H. (Speaker), Hasler S. W. Hasler (Guest lecturer), L. D. L. Duchstein (Guest lecturer), Wilhjelm, J. E. (Guest lecturer), M. N. Lonsdale (Guest lecturer)
22 Oct 2017

Enhancing the role of EVs as grid proactive DER - The Danish experience
Marinelli, M. (Guest lecturer)
12 Oct 2017

Investigation of echogenic surface enhancements for improved needle visualization in ultrasonography: A PRISMA systematic review
Caroline Harder Hovgesen (Speaker), Wilhjelm, J. E. (Guest lecturer), Peter Vilmann (Guest lecturer), Evangelos Kalaitzakis (Guest lecturer)
11 Oct 2017
Piezoelectric transformers: Control
Zsurzsan, T. (Guest lecturer)
5 Oct 2017
Activity: Talks and presentations › Conference presentations

An extended test battery for characterizing hearing deficits
Sanchez Lopez, R. (Speaker), Bianchi, F. (Other), Fereczkowski, M. (Other), Santurette, S. (Other), Dau, T. (Other)
29 Sep 2017
Activity: Talks and presentations › Conference presentations

Searching for Plausible N-k Contingencies Endangering Voltage Stability
Weckesser, J. T. G. (Guest lecturer)
27 Sep 2017
Activity: Talks and presentations › Conference presentations

National Renewable Energy Laboratory
Jia, J. (Visiting researcher)
25 Sep 2017 → 31 Jan 2018
Activity: Visiting an external institution › Visiting another research institution

Miniature converters
Andersen, M. A. E. (Invited speaker)
20 Sep 2017
Activity: Talks and presentations › Conference presentations

J A S A Express Letters (Journal)
Lylloff, O. A. (Reviewer)
10 Sep 2017
Activity: Research › Peer review of manuscripts

Federated Conference on Computer Science and Information Systems
Rasmussen, T. B. (Organizer)
3 Sep 2017 → 6 Sep 2017
Activity: Attending an event › Participating in or organising a conference

Organizer of the Special Session "Components and protection of residential nano-grids with multiple power sources" in the IEEE International Conference on Intelligent Green Building and Smart Grid (IGBSG 2018)
Zhang, Z. (Organizer)
1 Sep 2017 → 25 Apr 2018
Activity: Attending an event › Participating in or organising a conference

University of Salamanca
Iborra, H. R. (Visiting researcher)
1 Sep 2017 → 31 Dec 2017
Activity: Visiting an external institution › Visiting another research institution

Trends In Hearing (Journal)
Iborra, H. R. (Reviewer)
Aug 2017
Activity: Research › Peer review of manuscripts

Data-Driven Security-Constrained OPF
Thams, F. (Guest lecturer)
30 Aug 2017
Activity: Talks and presentations › Conference presentations
Auditory profiling through computational data analysis
Sanchez Lopez, R. (Other), Bianchi, F. (Other), Fereczkowski, M. (Other), Santurette, S. (Other), Dau, T. (Other)
19 Aug 2017
Activity: Talks and presentations › Conference presentations

Tutorial at ITEC Asia-Pacific 2017: "Advanced bidirectional do–dc converters with emerging wide-bandgap semiconductor devices"
Zhang, Z. (Invited speaker)
7 Aug 2017
Activity: Talks and presentations › Conference presentations

Invited speech at Zhejiang University: New research progress in power electronics with wide bandgap devices
Zhang, Z. (Invited speaker)
2 Aug 2017
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

A Scalable Neuro-inspired Robot Controller Integrating a Machine Learning Algorithm and a Spiking Cerebellar-Like Network
Tolu, S. (Speaker), Lund, H. H. (Other)
28 Jul 2017
Activity: Talks and presentations › Conference presentations

Quantifying Biochemical Activities in Living Cells with $^{13}$C dDNP NMR
Lerche, M. H. (Invited speaker), Karlsson, M. (Other), Ardenkjær-Larsen, J. H. (Other), Jensen, P. R. (Other), Capozzi, A. (Other)
24 Jul 2017
Activity: Talks and presentations › Conference presentations

Functional modelling in the operation of a cyber physical energy system
Rasmussen, T. B. (Guest lecturer)
19 Jul 2017
Activity: Talks and presentations › Conference presentations

Protection System Performance in Weak AC Grids through HIL Tests
Jia, J. (Panel member)
19 Jul 2017
Activity: Talks and presentations › Conference presentations

A narrow line UV-induced non-persistent radical in view of generating highly polarized transportable glucose solid samples
Capozzi, A. (Guest lecturer), Alessandro Coi (Panel member), S Patel (Panel member), Olivier Ouari (Panel member), Karlsson, M. (Guest lecturer), Lerche, M. H. (Guest lecturer), Arnaud Comment (Panel member), Ardenkjær-Larsen, J. H. (Panel member)
2 Jul 2017 → 6 Jul 2017
Activity: Talks and presentations › Conference presentations

Low RF-field strength cross polarization combined with photo-induced non-persistent radicals for clinically applicable dDNP
Møllesøe Vinther, J. (Speaker), Capozzi, A. (Speaker), Albannay, M. (Speaker), Ardenkjær-Larsen, J. H. (Speaker)
2 Jul 2017 → 6 Jul 2017
Activity: Talks and presentations › Conference presentations

Poster Presentation
Malinowski, R. M. (Speaker)
2 Jul 2017 → 6 Jul 2017
Activity: Talks and presentations › Conference presentations
Preparation of Radical-Free Hyperpolarized Water using Photo-induced non-persistent Radicals on a "SpinLab-like" dissolution-DNP Polarize
Capozzi, A. (Speaker), Alessandro Coi (Panel member), Karlsson, M. (Panel member), Lerche, M. H. (Guest lecturer), Ardenkjær-Larsen, J. H. (Guest lecturer)
2 Jul 2017 → 6 Jul 2017
Activity: Talks and presentations › Conference presentations

Department of Mechanical Engineering (Organisational unit)
Blanke, M. (Chairman)
1 Jul 2017 → 26 Sep 2017
Activity: Membership › Membership in review committee

Konstantin Klemm
Martens, E. A. (Host)
Jun 2017 → Aug 2017
Activity: Hosting a guest lecturer

High Current Full Scale Testing as Fundamental Element to Ensure Wind Turbine Reliability
Vogel, S. (Speaker)
29 Jun 2017
Activity: Talks and presentations › Conference presentations

The speech-based envelope power spectrum model (eEPSM) family: Development, achievements, and current challenges
Iborra, H. R. (Guest lecturer)
29 Jun 2017
Activity: Talks and presentations › Conference presentations

Test possibilities in the Poul la Cour Tunnel
Bak, C. (Speaker), Fischer, A. (Other), Mikkelsen, R. F. (Other), Olsen, A. S. (Other), Gaunaa, M. (Other), Skrzypinski, W. R. (Other), Fernandez Grande, E. (Other)
26 Jun 2017
Activity: Talks and presentations › Conference presentations

Disturbance Attenuation of DC Voltage Droop Control Structures in a Multi-Terminal HVDC- Grid
Thams, F. (Guest lecturer)
20 Jun 2017
Activity: Talks and presentations › Conference presentations

12th IEEE Power and Energy Society PowerTech Conference
Rasmussen, T. B. (Organizer)
18 Jun 2017 → 22 Jun 2017
Activity: Attending an event › Participating in or organising a conference

DTU Summer School 2017: Modern Challenges in Power System Operation and Electricity Markets: An Optimization Perspective
Kazempour, J. (Organizer)
12 Jun 2017 → 16 Jun 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Dynamics Days Europe 2017
Martens, E. A. (Speaker)
5 Jun 2017
Activity: Talks and presentations › Conference presentations

Studenterinvolvering via ressourcemæssig effektiv peer review i et obligatorisk kursus i fysikken i medicinsk billeddannelse
Wilhjelm, J. E. (Speaker), Prag, S. W. (Guest lecturer)
30 May 2017
Activity: Talks and presentations › Conference presentations

**Position Dependence of Fractional Derivative Models for Loudspeaker Voice Coils with Lossy Inductance**
King, A. W. (Speaker)
20 May 2017
Activity: Talks and presentations › Conference presentations

**Danish Sound Day Research Talent Pitch Battle**
King, A. W. (Speaker)
18 May 2017
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

**Mary had a little Lamb: Scanner-recorded speech during MRI without gradient- induced sound**
Pedersen, J. O. (Speaker)
26 Apr 2017
Activity: Talks and presentations › Conference presentations

**Encoding of Inductively Measured k-Space Trajectories in MR Raw Data**
Pedersen, J. O. (Speaker)
25 Apr 2017
Activity: Talks and presentations › Conference presentations

**ISMRM 25th Annual Meeting & Exhibition**
Pedersen, J. O. (Speaker)
22 Apr 2017 → 27 Apr 2017
Activity: Talks and presentations › Conference presentations

**52nd International Universities’ Power Engineering Conference (Event)**
Marinelli, M. (Participant)
11 Apr 2017 → 11 Apr 2024
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**SINTEF (External organisation)**
Marinelli, M. (Chairman)
7 Apr 2017 → 31 Dec 2024
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**IET Renewable Power Generation (Journal)**
Rasmussen, T. B. (Reviewer)
Mar 2017 → …
Activity: Research › Peer review of manuscripts

**High Frequency Planar Magnetics for Power Conversion**
Ouyang, Z. (Speaker), William Gerard Hurley (Speaker)
27 Mar 2017
Activity: Talks and presentations › Conference presentations

**APEC2017 Professional Education Seminar: Bidirectional DC-DC Converters: Fundamentals and Advances**
Zhang, Z. (Speaker)
25 Mar 2017
Activity: Talks and presentations › Conference presentations

**Dartmouth College (External organisation)**
Andersen, M. A. E. (Participant)
22 Mar 2017
Bloch simulation and MR fundamentals visualized
Hanson, L. G. (Speaker)
11 Mar 2017
Activity: Talks and presentations › Conference presentations

Listening to music with a cochlear implant: Limitations and possible solutions
Marozeau, J. (Invited speaker), Santurette, S. (Invited speaker)
8 Mar 2017
Activity: Talks and presentations › Conference presentations

Nordiske Konference - Hørelse, kognition, kommunikation
Lamping, W. (Participant), Steffen Spangmose Pedersen (Participant)
8 Mar 2017
Activity: Attending an event › Participating in or organising a conference

Østergaard, J. (Reviewer)
1 Mar 2017 → …
Activity: Research › Journal editor

Lyd - trådløs kommunikation i intelligent brugertilpasset design
Jakobsen, K. B. (Participant)
1 Mar 2017 → 26 Apr 2017
Activity: Other

Applied Acoustics (Journal)
Lylloff, O. A. (Reviewer)
10 Feb 2017
Activity: Research › Peer review of manuscripts

Linköping University (External organisation)
Blanke, M. (Member)
1 Feb 2017 → 8 Mar 2017
Activity: Membership › Membership in review committee

Cochlear
Bentsen, T. (Visiting researcher)
23 Jan 2017 → 13 May 2017
Activity: Visiting an external institution › Visiting another research institution

ETH Zurich
Thams, F. (Visiting researcher)
15 Jan 2017 → 31 May 2017
Activity: Visiting an external institution › Visiting another research institution

International Transactions on Electrical Energy System (Journal)
Kazempour, J. (Editor)
1 Jan 2017 → …
Activity: Research › Journal editor

Journal of Modern Power Systems and Clean Energy (Journal)
Yang, G. (Reviewer)
1 Jan 2017
Activity: Research › Journal editor
Dansk Standard (External organisation)
Yang, G. (Participant)
2016 → ...
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

International Electrotechnology Commission (IEC), Technical Committee 8/Working Group 7 (External organisation)
Yang, G. (Participant)
2016 → ...
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

National Science Centre (NCN) (External organisation)
Zhurbenko, V. (Member)
2016
Activity: Membership › Membership in review committee

Vice-Chair, ISMRM study group on Detection & Correction of Motion in MRI & MRS (External organisation)
Hanson, L. G. (Participant)
2016 → 2017
Activity: Membership › Membership of research networks or expert groups

Power and Energy Research – a Danish Perspective
Østergaard, J. (Speaker)
13 Dec 2016
Activity: Talks and presentations › Conference presentations

Control of voltage source converters during faults
Jia, J. (Supervisor)
Nov 2016 → Mar 2017
Activity: Examinations and supervision › Supervisor activities

Power system protection principles and application
Jia, J. (Supervisor)
Nov 2016 → Jan 2017
Activity: Examinations and supervision › Supervisor activities

External examiner on PhD defense by PhD student Mark Caris
Andersen, M. A. E. (External examiner)
30 Nov 2016
Activity: Examinations and supervision › External examination

ARCHES/ICANHEAR 2016
Paredes Gallardo, A. (Participant)
21 Nov 2016 → 23 Nov 2016
Activity: Attending an event › Participating in or organising a conference

13th European Workshop on Advanced Control and Diagnosis
Kirch Hübel, D. (Speaker)
19 Nov 2016
Activity: Talks and presentations › Conference presentations

CST Workshop Series 2016
Zhurbenko, V. (Organizer)
14 Nov 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
Investigation of grid-connected voltage source converter performance under unbalanced faults
Jia, J. (Speaker)
28 Oct 2016
Activity: Talks and presentations › Conference presentations

2016 IEEE PES Asia-Pacific Power and Energy Engineering Conference
Karatas, B. C. (Participant)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Professorship evaluation (External organisation)
Blanke, M. (Participant)
15 Oct 2016 → 15 Dec 2016
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Head of committee at PhD defense by PhD student Juan Colmenares
Andersen, M. A. E. (Main supervisor)
14 Oct 2016
Activity: Examinations and supervision › External examination

Music and CI symposium
Paredes Gallardo, A. (Participant)
Activity: Attending an event › Participating in or organising a conference

External examiner on PhD thesis by PhD student Vita Lystianingrum
Andersen, M. A. E. (External examiner)
6 Oct 2016
Activity: Examinations and supervision › External examination

Ultrasonic lubrication: concept and application
Zsurzszan, T. (Invited speaker)
4 Oct 2016
Activity: Talks and presentations › Conference presentations

5th International Workshop on Power Supply On Chip
Hertel, J. C. (Participant)
3 Oct 2016 → 5 Oct 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Interaction of Droop Control Structures and Its Inherent Effect on the Power Transfer Limits In Multi-Terminal VSC-HVD
Thams, F. (Guest lecturer)
16 Sep 2016
Activity: Talks and presentations › Conference presentations

Beyond the audiogram: How can we achieve better hearing rehabilitation?
Santurette, S. (Invited speaker)
9 Sep 2016
Activity: Talks and presentations › Conference presentations

Dansk Teknisk Audiologisk Selskab
Sanchez Lopez, R. (Participant)
9 Sep 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
Effects of musical experience on pitch discrimination
Santurette, S. (Invited speaker)
9 Sep 2016
Activity: Talks and presentations › Conference presentations

Interspeech 2016
Bentsen, T. (Participant)
8 Sep 2016 → 12 Sep 2016
Activity: Attending an event › Participating in or organising a conference

Poster presentation
Bentsen, T. (Speaker)
8 Sep 2016 → 12 Sep 2016
Activity: Talks and presentations › Conference presentations

Risks related to static magnetic fields
Hanson, L. G. (Invited speaker)
1 Sep 2016
Activity: Talks and presentations › Conference presentations

Committee member at PhD defense by PhD student Luyu Wang
Andersen, M. A. E. (External examiner)
19 Aug 2016
Activity: Examinations and supervision › External examination

Academic communication and effective presenting
Paredes Gallardo, A. (Participant)
8 Aug 2016 → 16 Aug 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Studies on Low Inertia Systems and Application of Synchronous Condensers: Initial results from Danish Project SCAPP
Yang, G. (Speaker)
21 Jul 2016
Activity: Talks and presentations › Conference presentations

NREL Cybersecurity & Resilience Workshop "Security and Resilience of Grid Integration with Distributed Energy Resources: Lessons Learned & Future Outlook"
Kosek, A. M. (Invited speaker)
13 Jul 2016 → 14 Jul 2016
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

The Future Sustainable Energy System: Synergy between industry, researchers and students as a key to an efficient energy system transformation
Østergaard, J. (Lecturer)
5 Jul 2016
Activity: Talks and presentations › Conference presentations

DTU Summer School 2016: Uncertainty in Electricity Markets and System Operation
Kazempour, J. (Organizer)
4 Jul 2016 → 8 Jul 2016
Activity: Attending an event › Participating in or organising a conference

Improving Cochlear Implant Performance
Paredes Gallardo, A. (Participant)
1 Jul 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

PowerLabDK Grand Opening
Richert, T. P. (Participant)
23 Jun 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

PowerLabDK Grand Opening: Opening remarks
Østergaard, J. (Speaker)
23 Jun 2016
Activity: Talks and presentations › Conference presentations

International Symposium on Objective Measures in Auditory Implants
Paredes Gallardo, A. (Speaker)
15 Jun 2016 → 18 Jun 2016
Activity: Talks and presentations › Conference presentations

Power frequency control provision from electric vehicles in a high voltage system with high wind power penetration
Marinelli, M. (Participant)
15 Jun 2016 → 15 Nov 2016
Activity: Other

Fremtidens Energisystem
Østergaard, J. (Lecturer)
14 Jun 2016
Activity: Talks and presentations › Conference presentations

Fundamentals of Electrical Energy Conversion
Andersen, M. A. E. (Guest lecturer)
10 Jun 2016
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Distribution grid with distributed energy resources: Impact, control, and design: Defense presentation slides
Han, X. (Speaker)
7 Jun 2016
Activity: Talks and presentations › Conference presentations

EuroTech Summer School 2016 @ EPFL: Energy Systems
Rasmussen, T. B. (Participant)
6 Jun 2016 → 17 Jun 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Center for Electric Power and Energy (CEE)
Østergaard, J. (Speaker)
2 Jun 2016
Activity: Talks and presentations › Conference presentations

Fremtidens fleksible elforbruger
Østergaard, J. (Invited speaker)
31 May 2016
Danish Cardiovascular Research Academy  
Brasen, J. C. (Organizer)  
26 May 2016 → 28 May 2016  
Activity: Attending an event › Participating in or organising a conference

CITIES consortium 2016  
Richert, T. P. (Participant)  
24 May 2016 → 25 May 2016  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Integrated and Very High Frequency Converter  
Andersen, M. A. E. (Speaker)  
20 May 2016  
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

The Role of Smart Grid in Systems Integration  
Østergaard, J. (Lecturer)  
16 May 2016  
Activity: Talks and presentations › Conference presentations

OPTIMIZED CHARGING CONTROL METHOD FOR PLUG-IN ELECTRIC VEHICLES IN LV DISTRIBUTION NETWORKS (External organisation)  
Marinelli, M. (Participant)  
6 May 2016  
Activity: Membership › Membership in review committee

Research in Electric Power Systems and Storage  
Østergaard, J. (Speaker)  
20 Apr 2016  
Activity: Talks and presentations › Conference presentations

2016 Joint Workshop on Cyber-Physical Security and Resilience in Smart Grids  
Kosek, A. M. (Organizer)  
12 Apr 2016  
Activity: Attending an event › Participating in or organising a conference

EcoGrid 2.0 Panel Debate  
Østergaard, J. (Panel member)  
11 Apr 2016  
Activity: Talks and presentations › Conference presentations

Intrusion detection systems for Smart Grid: model-based anomaly detection  
Kosek, A. M. (Lecturer)  
11 Apr 2016  
Activity: Talks and presentations › Conference presentations

Predicting speech intelligibility based on a correlation metric in the modulation power domain  
Iborra, H. R. (Guest lecturer)  
5 Apr 2016  
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Enhancing the role of EVs in the smart grid: Resources or threats to power system operation? Trends and research drivers in Europe  
Marinelli, M. (Keynote speaker)
23 Mar 2016
Activity: Talks and presentations › Conference presentations

2016 IEEE International Conference on Industrial Technology
Zsurzsan, T. (Participant)
14 Mar 2016 → 17 Mar 2016
Activity: Attending an event › Participating in or organising a conference

Teaching and learning DTU
Paredes Gallardo, A. (Participant)
8 Mar 2016 → 11 Mar 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

From Tietgen to Modern Hearing Aids
Jakobsen, K. B. (Invited speaker)
1 Mar 2016
Activity: Talks and presentations › Conference presentations

5th Neurorobotics Performance Show
Tolu, S. (Participant)
17 Feb 2016 → 19 Feb 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Special PhD-level course on "Large-scale optimization problems in energy systems: Applications of decomposition techniques", Spring 2016.
Kazempour, J. (Lecturer)
15 Feb 2016 → 15 Jun 2016
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Investigation of distance relay performance for blackout prevention in low inertia electric power systems
Jia, J. (Supervisor)
1 Feb 2016 → 15 Aug 2016
Activity: Examinations and supervision › Supervisor activities

advanced NMR spectroscopy
Hanson, L. G. (Lecturer)
19 Jan 2016
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Vision of future grid operation
Yang, G. (Speaker)
18 Jan 2016
Activity: Talks and presentations › Conference presentations

3rd HBP Education Programme
Tolu, S. (Participant)
11 Jan 2016 → 15 Jan 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

External examiner on PhD thesis by PhD student Xian Liang
Andersen, M. A. E. (External examiner)
3 Jan 2016
Activity: Examinations and supervision › External examination

Senior Member, IEEE (External organisation)
Zhang, Z. (Participant)
1 Jan 2016
Activity: Membership › Board duties in companies, associations, or public organisations

**Integrated bidding and operating strategies for wind farm-energy storage systems**
Pinson, P. (Invited speaker)
2015
Activity: Talks and presentations › Conference presentations

**Member of DTU Academic Council (External organisation)**
Ravn, O. (Participant)
2015 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**Modelling of high-dimensional space-time dynamics of renewables**
Pinson, P. (Invited speaker)
2015
Activity: Talks and presentations › Conference presentations

**Renewable energy forecasting**
Pinson, P. (Lecturer)
2015
Activity: Talks and presentations › Conference presentations

**Secretary, ISMRM study group on Detection & Correction of Motion in MRI & MRS (External organisation)**
Hanson, L. G. (Participant)
2015 → 2016
Activity: Membership › Membership of research networks or expert groups

**The Danavox Jubilee Foundation (Publisher)**
Santurette, S. (Editor)
2015 → 2016
Activity: Research › Series editor

**Towards future electricity markets with large penetration of renewable generation**
Pinson, P. (Invited speaker)
2015
Activity: Talks and presentations › Conference presentations

**Towards the usage of new large datasets for renewable energy applications**
Pinson, P. (Lecturer)
2015
Activity: Talks and presentations › Conference presentations

**6th International Conference on Advanced Mechatronics 2015**
Zsurzsan, T. (Participant)
5 Dec 2015 → 8 Dec 2015
Activity: Attending an event › Participating in or organising a conference

**EP Master class IV: Cortical Evoked Potentials**
Paredes Gallardo, A. (Participant)
3 Dec 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**HTX, EucSyd Sønderborg**
Jakobsen, K. B. (Lecturer)
20 Nov 2015
Risk in MRI associated with the static B0 field
Hanson, L. G. (Invited speaker)
19 Nov 2015

Talk at Audiological Research Cores in Europe
Bentsen, T. (Speaker)
17 Nov 2015

Dynamic Modeling, Advanced Control, Diagnosis and Optimization of Large-Scale Lignocellulosic Biorefineries
Prunescu, R. M. (Speaker)
11 Nov 2015

Integrated Smart Infrastructures
Østergaard, J. (Lecturer)
10 Nov 2015

Plantwide Model-Based Optimization of a Large Scale Second Generation Biorefinery
Prunescu, R. M. (Speaker)
10 Nov 2015

2015 41th IEEE Industrial Electronics Society Annual Conference
Zsurzsan, T. (Participant)
9 Nov 2015 → 12 Nov 2015

Investigation of stability aspects in a Pan-European interconnected grid with different wind power penetration
Marinelli, M. (Participant)
1 Nov 2015 → 30 Apr 2016

State-Space Modeling of Loudspeakers Using Fractional Derivatives
King, A. W. (Speaker)
30 Oct 2015

Development and Operation of a Wind Power Based Energy System: Experiences and Research Efforts
Østergaard, J. (Invited speaker)

International Journal of Adaptive Control and Signal Processing (Journal)
Blanke, M. (Reviewer)
1 Oct 2015 → 1 May 2017

EuroAsianPacific Joint Conference on Cognitive Science
Tolu, S. (Speaker)
25 Sep 2015 → 27 Sep 2015
2015 IEEE Multi-Conference on Systems and Control
Papageorgiou, D. (Participant)
23 Sep 2015
Activity: Attending an event › Participating in or organising a conference

European PV Solar Energy Conversion Exhibition and Conference
Rasmussen, T. B. (Other)
23 Sep 2015
Activity: Talks and presentations › Conference presentations

Philips 7T user meeting 2015
Zhurbenko, V. (Panel member)
16 Sep 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

EcoGrid EU Market Concept: Large-scale Smart Grid demonstration of real time market-based integration of distributed energy resources (DER) and demand response (DR)
Østergaard, J. (Speaker)
15 Sep 2015
Activity: Talks and presentations › Conference presentations

Endothelial derived hyperpolarization in renal interlobar arteries
Brasen, J. C. (Speaker)
15 Sep 2015
Activity: Talks and presentations › Conference presentations

Rare earth-free permanent magnet and applications
Fasil, M. (Speaker)
15 Sep 2015
Activity: Talks and presentations › Conference presentations

Meeting on Endothelium-Dependent Hyperpolarizations in Health and Disease
Brasen, J. C. (Participant)
14 Sep 2015 → 17 Sep 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Rare earth-free permanent magnet and applications
Fasil, M. (Participant)
14 Sep 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Rare earth-free permanent magnet and applications
Fasil, M. (Speaker)
14 Sep 2015
Activity: Talks and presentations › Conference presentations

INTERSPEECH 2015
Bentsen, T. (Participant)
6 Sep 2015 → 10 Sep 2015
Activity: Attending an event › Participating in or organising a conference

50th International Universities Power Engineering Conference
Zsurzsan, T. (Participant)
1 Sep 2015 → 4 Sep 2015
Activity: Attending an event › Participating in or organising a conference
Analysis of correlated data: Mixed Linear Models  
Paredes Gallardo, A. (Participant)  
1 Sep 2015 → 25 Dec 2015  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Ancillary services analysis and provision by Electric Vehicles in a Danish distribution grid  
Marinelli, M. (Participant)  
1 Sep 2015 → 21 Mar 2016  
Activity: Other

Communicating Advanced Topics in Electrical Engineering  
Paredes Gallardo, A. (Participant)  
1 Sep 2015 → 25 Dec 2015  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Magnetic Resonance Angiography in the Pig using Hyperpolarized Water  
Lipsø, H. K. W. (Speaker)  
1 Sep 2015  
Activity: Talks and presentations › Conference presentations

Evaluation of peripheral compression and auditory nerve fiber intensity coding using Auditory Steady-State Responses (ASSR)  
Encina Llamas, G. (Speaker)  
27 Aug 2015  
Activity: Talks and presentations › Conference presentations

5th International Symposium on Auditory and Audiological Research  
Paredes Gallardo, A. (Participant)  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

10th IFAC Conference on Manoeuvring and Control of Marine Craft  
Blanke, M. (Organizer)  
24 Aug 2015  
Activity: Attending an event › Participating in or organising a conference

Dynamic Modeling and Optimization of Large Scale Lignocellulosic Biorefineries  
Prunescu, R. M. (Invited speaker)  
18 Aug 2015  
Activity: Talks and presentations › Conference presentations

The Analysis of Sensory and Consumer Data  
Paredes Gallardo, A. (Participant)  
17 Aug 2015 → 21 Aug 2015  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

European conference for Operational Research 2015  
Papakonstantinou, A. (Speaker)  
12 Jul 2015 → 15 Jul 2015  
Activity: Talks and presentations › Conference presentations

MRI simulation for sequence development, protocol optimisation, and education  
Hanson, L. G. (Organizer)  
29 Jun 2015 → 1 Jul 2015  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
ECPE PowerSoC workshop
Larsen, D. Ø. (Invited speaker)
17 Jun 2015
Activity: Talks and presentations › Conference presentations

Field Robot Event 2015
Ravn, O. (Participant)
15 Jun 2015 → 18 Jun 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

DAu Konference: Den 4. Industrielle Revolution
Ravn, O. (Organizer)
10 Jun 2015
Activity: Attending an event › Participating in or organising a conference

Introduction to applied statistics and R for PhD students
Paredes Gallardo, A. (Participant)
4 Jun 2015 → 28 Jun 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Biosimulation
Brasen, J. C. (External examiner)
1 Jun 2015 → 30 Jun 2015
Activity: Examinations and supervision › External examination

IEEE Power Engineering Letters (Journal)
Yang, G. (Editor)
1 Jun 2015 → …
Activity: Research › Journal editor

IEEE Transactions on Sustainable Energy (Journal)
Yang, G. (Editor)
1 Jun 2015 → …
Activity: Research › Journal editor

In committee for PhD thesis evaluation at Linköping University, Sweden (External organisation)
Blanke, M. (Participant)
22 May 2015
Activity: Membership › Membership in review committee

External examiner on PhD thesis by PhD student Ishtiyaq Ahmed Makda
Andersen, M. A. E. (External examiner)
21 May 2015
Activity: Examinations and supervision › External examination

Evaluation of cochlear processing and auditory nerve fiber intensity coding using Auditory Steady-State Responses (ASSR)
Encina Llamas, G. (Speaker)
11 May 2015
Activity: Talks and presentations › Conference presentations

Tutorial: Design and Development of Low Speed 10MW+ Superconducting Wind Turbine Generators
Mijatovic, N. (Lecturer)
10 May 2015
Activity: Talks and presentations › Conference presentations
External examiner on PhD thesis by PhD student Yi Wang
Andersen, M. A. E. (External examiner)
1 May 2015
Activity: Examinations and supervision › External examination

Professorship Evaluation for NTNU - International Chair (External organisation)
Blanke, M. (Participant)
1 May 2015 → 30 Jun 2015
Activity: Membership › Membership in review committee

External examiner on PhD thesis by PhD student Ciaran Feeney
Andersen, M. A. E. (External examiner)
27 Apr 2015
Activity: Examinations and supervision › External examination

Improving Performance with Cochlear Implants
Paredes Gallardo, A. (Participant)
21 Apr 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Kompetenceudviklingsdage
Ravn, O. (Speaker)
21 Apr 2015
Activity: Other

DTU Elektro seminar: Guest lecture
Saldaña Cercos, S. (Lecturer)
20 Mar 2015
Activity: Talks and presentations › Conference presentations

Fra øre til hjerne: tværfaglig forskning i hørelse og kognition
Santurette, S. (Invited speaker)
18 Mar 2015
Activity: Talks and presentations › Conference presentations

Control of Drones
Hansen, S. (Lecturer)
11 Mar 2015
Activity: Talks and presentations › Conference presentations

Visualisation of basic NMR: Quantum and classical aspects
Hanson, L. G. (Lecturer)
25 Feb 2015
Activity: Talks and presentations › Conference presentations

External examiner on Doctoral Thesis by PhD student Toke Meyer Andersen
Andersen, M. A. E. (External examiner)
13 Feb 2015
Activity: Examinations and supervision › External examination

MR principles, imaging and contrast
Hanson, L. G. (Lecturer)
3 Feb 2015
Activity: Talks and presentations › Conference presentations
Modelling and experimental verification of power generation characteristics of different PV technologies under various operation conditions
Marinelli, M. (Supervisor)
Jan 2015 → Jul 2015
Activity: Examinations and supervision › Supervisor activities

The Scandinavian Physiological Society - The Special Interest Group (SIG) within Vascular Physiology
Brasen, J. C. (Participant)
28 Jan 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Evaluation for University of Cambridge (External organisation)
Blanke, M. (Participant)
25 Jan 2015 → 6 Feb 2015
Activity: Membership › Membership in review committee

7th Workshop on Speech in Noise
Santurette, S. (Organizer)
8 Jan 2015 → 9 Jan 2015
Activity: Attending an event › Participating in or organising a conference

7th Workshop on Speech in Noise
Bentsen, T. (Participant)
8 Jan 2015 → 9 Jan 2015
Activity: Attending an event › Participating in or organising a conference

Large-scale energy storage in the future Danish power system by means of Vanadium and Li-Ion batteries
Marinelli, M. (Participant)
2 Jan 2015 → 30 Jun 2015
Activity: Other

Single Phase Analysis of an Active Low Voltage Grid with Congestion Management Provided by Electric Vehicles
Marinelli, M. (Participant)
2 Jan 2015 → 30 Jun 2015
Activity: Other

Wind power plants internal distribution system and grid connection - A technical and economical comparison between a 33 kV and a 66 kV
Marinelli, M. (Supervisor)
2 Jan 2015 → 30 Jun 2015
Activity: Examinations and supervision › Supervisor activities

IEEE Denmark Section - PES Chapter (External organisation)
Marinelli, M. (Participant)
1 Jan 2015 → 31 Dec 2018
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

5th International Symposium on Auditory and Audiological Research
Santurette, S. (Organizer)
2014 → 2015
Activity: Attending an event › Participating in or organising a conference

Global Energy Forecasting Competition 2014
Pinson, P. (Participant)
2014 → …
IEEE Spectrum (Journal)
Østergaard, J. (Editor)
2014 → …
Activity: Research › Journal editor

IFAC Technical Committee on Marine Systems (External organisation)
Blanke, M. (Participant)
2014 → 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Implementation of coordinated voltage control at LV grids for solar integration
Yang, G. (Invited speaker)
2014
Activity: Talks and presentations › Conference presentations

International Journal of Forecasting (Journal)
Pinson, P. (Editor)
2014 → …
Activity: Research › Journal editor

Member of Expert Pool in EU PV Technology Platform (External organisation)
Yang, G. (Participant)
2014 → …
Activity: Membership › Board duties in companies, associations, or public organisations

PhD Thesis Jury Member at Universitat Politecnica de Catalunya (External organisation)
Tabatabaeipour, M. (Participant)
2014
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Secretary-Elect, ISMRM study group on Detection & Correction of Motion in MRI & MRS (External organisation)
Hanson, L. G. (Secretary)
2014 → 2015
Activity: Membership › Membership of research networks or expert groups

Senior Member, IEEE (External organisation)
Yang, G. (Participant)
2014
Activity: Membership › Board duties in companies, associations, or public organisations

Nordic Power Converters Aps (External organisation)
Andersen, M. A. E. (Participant)
Dec 2014 → …
Activity: Membership › Board duties in companies, associations, or public organisations

CST Workshop Series 2014
Zhurbenko, V. (Organizer)
25 Nov 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

HTX, EucSyd Sønderborg
Jakobsen, K. B. (Lecturer)
21 Nov 2014
Activity: Talks and presentations › Conference presentations
University of Bordeaux (External organisation)
Blanke, M. (Participant)
19 Nov 2014
Activity: Membership › Membership in review committee

2014 AIChE Annual Meeting: American Institute of Chemical Engineers
Prunescu, R. M. (Speaker)
17 Nov 2014 → 21 Nov 2014
Activity: Talks and presentations › Conference presentations

Dynamic Simulation, Sensitivity and Uncertainty Analysis of a Demonstration Scale Lignocellulosic Enzymatic Hydrolysis Process
Prunescu, R. M. (Speaker)
16 Nov 2014 → 21 Nov 2014
Activity: Talks and presentations › Conference presentations

Model-Based Filtering of Large-Scale Datasets - A Biorefinery Application
Prunescu, R. M. (Speaker)
16 Nov 2014 → 21 Nov 2014
Activity: Talks and presentations › Conference presentations

Aarhus University (External organisation)
Blanke, M. (Participant)
12 Nov 2014
Activity: Membership › Membership in review committee

13th International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power (WIW 2014)
Papakonstantinou, A. (Speaker)
11 Nov 2014 → 13 Nov 2014
Activity: Talks and presentations › Conference presentations

Small Antennas for Wireless Applications (invited): Body-Worn Antennas for Body-Centric Wireless Communications
Jakobsen, K. B. (Invited speaker)
10 Nov 2014
Activity: Talks and presentations › Conference presentations

IEEE International Power Electronics and Application Conference and Exposition
Zsurzsan, T. (Participant)
5 Nov 2014 → 8 Nov 2014
Activity: Attending an event › Participating in or organising a conference

University of Cambridge (External organisation)
Blanke, M. (Participant)
3 Nov 2014
Activity: Membership › Membership in review committee

Mathematical Biosciences (Journal)
Brasen, J. C. (Reviewer)
23 Oct 2014 → …
Activity: Research › Peer review of manuscripts

Expert Workshop "Challenges ahead in European electricity market design"
Papakonstantinou, A. (Participant)
16 Oct 2014
Unbalance analysis of a real low voltage Danish network in presence of electric vehicles and small size photovoltaic plants
Marinelli, M. (Supervisor)
1 Oct 2014 → 31 Mar 2015
Activity: Examinations and supervision › Supervisor activities

Opfølgning på Klima- og Energiministerens Smart Grid Strategi: Forskning, udvikling og demonstration
Østergaard, J. (Invited speaker)
30 Sep 2014
Activity: Talks and presentations › Conference presentations

Co-Simulation Hands-On Workshop with Use of Open-Source Tool Mosaik
Kosek, A. M. (Organizer)
24 Sep 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Future Integration of Wind in the Energy System: The role of state-of-art experimental facilities
Østergaard, J. (Invited speaker)
10 Sep 2014
Activity: Talks and presentations › Conference presentations

Decoupled On-Load Tap-Changer Transformer in a Danish Low Voltage Grid with Unbalanced Distributed Generation
Marinelli, M. (Participant)
1 Sep 2014 → 31 Dec 2014
Activity: Other

Rhythms in complex networks
Brasen, J. C. (Participant)
1 Sep 2014 → 3 Sep 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Member of the ESMRMB Nomination and Awards Committee (External organisation)
Hanson, L. G. (Participant)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Smart Grid Labs: Software Infrastructure
Kosek, A. M. (Organizer)
28 Aug 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

16th Conference on Power Electronics and Applications
Zsurzsan, T. (Participant)
Activity: Attending an event › Participating in or organising a conference

Proceedings of the National Academy of Sciences, Physical Sciences (NASA) (Journal)
Brasen, J. C. (Reviewer)
2 Jul 2014 → ...
Activity: Research › Peer review of manuscripts

Smart Flexible Energy Solutions for the Future Energy System
Østergaard, J. (Invited speaker)
13 Jun 2014
Activity: Talks and presentations › Conference presentations
Mathematical models of (spatial and) temporal dynamics in biological and physiological systems
Brasen, J. C. (Invited speaker)
22 May 2014
Activity: Talks and presentations › Conference presentations

Smart Energy Networks partnerskab
Østergaard, J. (Invited speaker)
14 May 2014
Activity: Talks and presentations › Conference presentations

iPower Annual Conference 2014
Villefrance, R. (Organizer)
13 May 2014 → 14 May 2014
Activity: Attending an event › Participating in or organising a conference

Reusable Magnets: Discrete Magnets in Wind Turbines and Powder-Pressed Magnets in Rotors
Høgberg, S. (Invited speaker)
13 May 2014
Activity: Talks and presentations › Conference presentations

Linköping University (External organisation)
Blanke, M. (Participant)
25 Apr 2014
Activity: Membership › Membership in review committee

Software Ecosystems for Power System Integration Labs
Kosek, A. M. (Organizer)
4 Apr 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Sleep spindle scoring: performance of humans versus machines
Wendt, S. L. (Speaker)
21 Mar 2014
Activity: Talks and presentations › Conference presentations

Decentralized vs. Centralized Electricity Generation
Østergaard, J. (Invited speaker)
10 Mar 2014
Activity: Talks and presentations › Conference presentations

A Smart Energy System without Fusil Fuels: Smart Grid Technologies enabling a Secure, Efficient and Sustainable Energy System
Østergaard, J. (Invited speaker)
9 Mar 2014
Activity: Talks and presentations › Conference presentations

Kinetik
Brasen, J. C. (Guest lecturer)
18 Feb 2014
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Smart Design for Permanent Magnets in Electrical Machines:: Increasing Torque Density in Magnet Torque Couplings and Reusable Elements in Direct-Drive Wind Turbine Generator
Høgberg, S. (Invited speaker)
14 Feb 2014
Activity: Talks and presentations › Conference presentations

2013 4th IEEE PES Innovative Smart Grid Technologies Europe
Henriksen, M. L. (Organizer)
3 Feb 2014 → 14 Oct 2014
Activity: Attending an event › Participating in or organising a conference

Concepts and computational models of robust bottom-up signal encoding
Santurette, S. (Organizer)
30 Jan 2014 → 1 Feb 2014
Activity: Attending an event › Participating in or organising a conference

Referee, Professor in Robotics at Queensland University of Technology (External organisation)
Blanke, M. (Participant)
28 Jan 2014 → 10 Feb 2014
Activity: Membership › Membership in review committee

DSMMR Course on MRI Methodology
Hanson, L. G. (Organizer)
20 Jan 2014 → 21 Jan 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Drones on Autopilot
Hansen, S. (Lecturer)
14 Jan 2014
Activity: Talks and presentations › Conference presentations

IEEE Transactions on Power Systems (Journal)
Papakonstantinou, A. (Reviewer)
1 Jan 2014 → …
Activity: Research › Peer review of manuscripts

International Journal of Adaptive Control and Signal Processing (Journal)
Blanke, M. (Editor)
1 Jan 2014 → 1 May 2015
Activity: Research › Journal editor

Partnership Smart Energy Network; Research, Development and Demonstration (External organisation)
Østergaard, J. (Member)
1 Jan 2014 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Canada Foundation for Innovation (External organisation)
Zhurbenko, V. (Member)
2013
Activity: Membership › Membership in review committee

Discrimination ability of the Energy score(s)
Pinson, P. (Lecturer)
2013
Activity: Talks and presentations › Conference presentations

Prevoir l'électricité produite par nos énergies renouvelables
Pinson, P. (Participant)
2013
Activity: Other
Rendre la consommation d'électricité plus flexible et contrôlabile
Pinson, P. (Participant)
2013
Activity: Other

Renewable energy forecasts ought to be probabilistic!
Pinson, P. (Lecturer)
2013
Activity: Talks and presentations › Conference presentations

Renewables in electricity markets: Stochastic modelling and optimization
Pinson, P. (Lecturer)
2013
Activity: Talks and presentations › Conference presentations

Stochastic power generation from renewables: forecasting and optimization challenges for its optimal integration.
Pinson, P. (Lecturer)
2013
Activity: Talks and presentations › Conference presentations

The Danavox Jubilee Foundation (Publisher)
Santurette, S. (Editor)
2013 → 2014
Activity: Research › Series editor

The value of probabilistic information for energy applications - from theory to reality.
Pinson, P. (Lecturer)
2013
Activity: Talks and presentations › Conference presentations

52nd IEEE Conference on Decision and Control (CDC 2013)
Prunescu, R. M. (Speaker)
10 Dec 2013 → 13 Dec 2013
Activity: Talks and presentations › Conference presentations

Committee member at PhD defense by PhD student Jonas Ottosson
Andersen, M. A. E. (External examiner)
4 Dec 2013
Activity: Examinations and supervision › External examination

MRI simulation for sequence development, protocol optimisation and education
Hanson, L. G. (Organizer)
2 Dec 2013 → 4 Dec 2013
Activity: Attending an event › Participating in or organising a conference

Electric Vehicle Smart Charging and V2G Service Automation
Marinelli, M. (Participant)
1 Dec 2013 → 30 Apr 2014
Activity: Other

HTX, EucSyd Sønderborg
Jakobsen, K. B. (Lecturer)
22 Nov 2013
Activity: Talks and presentations › Conference presentations
Committee member at PhD defense by PhD student Abdul Majid Andersen, M. A. E. (External examiner)
20 Nov 2013
Activity: Examinations and supervision › External examination

CST Workshop Series 2013
Zhurbenko, V. (Organizer)
12 Nov 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Debugging - for rigtige programmer
Villefrance, R. (Speaker)
26 Oct 2013
Activity: Other

The Intelligent Energy System
Østergaard, J. (Invited speaker)
21 Oct 2013
Activity: Talks and presentations › Conference presentations

Bornholm Test Island
Østergaard, J. (Speaker)
9 Oct 2013
Activity: Talks and presentations › Conference presentations

2013 4th IEEE PES Innovative Smart Grid Technologies Europe
Kosek, A. M. (Organizer)
8 Oct 2013
Activity: Attending an event › Participating in or organising a conference

Renewable Energy, Smart Grid and Japan
Østergaard, J. (Invited speaker)
14 Sep 2013
Activity: Talks and presentations › Conference presentations

BioDynamics 2013
Brasen, J. C. (Participant)
11 Sep 2013 → 13 Sep 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

14th International Conference on Systems Biology
Brasen, J. C. (Organizer)
30 Aug 2013 → 3 Sep 2013
Activity: Attending an event › Participating in or organising a conference

14th International Conference on Systems Biology
Brasen, J. C. (Organizer)
30 Aug 2013 → 4 Sep 2013
Activity: Attending an event › Participating in or organising a conference

4th International Symposium on Dynamic Nuclear Polarization
Hanson, L. G. (Organizer)
28 Aug 2013 → 31 Aug 2013
Activity: Attending an event › Participating in or organising a conference
Acquisition Strategies for Hyperpolarised Spin Systems
Hanson, L. G. (Organizer)
25 Aug 2013 → 27 Aug 2013
Activity: Attending an event › Participating in or organising a conference

Biofuel Session
Prunescu, R. M. (Speaker)
18 Aug 2013 → 23 Aug 2013
Activity: Talks and presentations › Conference presentations

Smart Grid Activities at Bornholm
Østergaard, J. (Invited speaker)
20 Jun 2013
Activity: Talks and presentations › Conference presentations

2013 American Control Conference
Prunescu, R. M. (Speaker)
17 Jun 2013 → 19 Jun 2013
Activity: Talks and presentations › Conference presentations

10th IEEE International Conference on Control & Automation
Ravn, O. (Speaker)
12 Jun 2013 → 14 Jun 2013
Activity: Talks and presentations › Conference presentations

Designing the Next Generation of Smart Grid Laboratories
Kosek, A. M. (Organizer)
10 Jun 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

LabVIEW Introductory on Data Acquisition
Costache, A. (Participant)
10 Jun 2013 → 28 Jun 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

21st International Congress on Acoustics
Le Goff, N. (Speaker)
2 Jun 2013 → 7 Jun 2013
Activity: Talks and presentations › Conference presentations

RF coils: Design and build your own
Zhurbenko, V. (Participant)
28 May 2013 → 30 May 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Danvak Dagen 2013
Hovgaard, T. G. (Invited speaker)
10 Apr 2013
Activity: Talks and presentations › Conference presentations

DTU RoboCup 2013
Ravn, O. (Organizer)
9 Apr 2013 → 11 Apr 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
European Robotic Forum 2013
Ravn, O. (Speaker)
19 Mar 2013 → 21 Mar 2013
Activity: Talks and presentations › Conference presentations

37th Enlarged Halden Programme Group Meeting
Zhang, X. (Speaker)
10 Mar 2013 → 15 Mar 2013
Activity: Talks and presentations › Conference presentations

36th Annual Midwinter Meeting of the Association for Research in Otolaryngology
Le Goff, N. (Participant)
16 Feb 2013 → 20 Feb 2013
Activity: Attending an event › Participating in or organising a conference

IEEE (Publisher)
Marinelli, M. (Editor)
1 Feb 2013 → 31 Dec 2013
Activity: Research › Series editor

PowerLabDK - Experimental Facilities for Power and Energy
Østergaard, J. (Invited speaker)
14 Jan 2013
Activity: Talks and presentations › Conference presentations

Dansk Standard (External organisation)
Petersen, L. P. (Participant)
1 Jan 2013 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

European Journal of Operational Research (Journal)
Papakonstantinou, A. (Reviewer)
1 Jan 2013 → …
Activity: Research › Peer review of manuscripts

International Symposium on Auditory and Audiological Research
Santurette, S. (Organizer)
2012 → 2013
Activity: Attending an event › Participating in or organising a conference

Web-based wind power forecasting competition 2012 - Wind Forecasting
Pinson, P. (Organizer)
2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Electrical Machines with HTS Technology for Wind Power Applications
Mijatovic, N. (Speaker)
13 Dec 2012
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

6th Annual Meeting of the Audiological Research Cores in Europe
Santurette, S. (Organizer)
Nov 2012
Activity: Attending an event › Participating in or organising a conference
10th European Workshop on Advanced Control and Diagnosis
Ravn, O. (Participant)
8 Nov 2012 → 9 Nov 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

10th European Workshop on Advanced Control and Diagnosis
Prunescu, R. M. (Speaker)
8 Nov 2012 → 9 Nov 2012
Activity: Talks and presentations › Conference presentations

International Workshop on Functional Modelling
Ravn, O. (Participant)
6 Nov 2012 → 7 Nov 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

International Workshop on Functional Modelling
Zhang, X. (Speaker)
6 Nov 2012 → 7 Nov 2012
Activity: Talks and presentations › Conference presentations

Basic MRI Physics: A visual introduction for laymen
Hanson, L. G. (Lecturer)
Activity: Talks and presentations › Conference presentations

8th HOLMUG meeting
Ravn, O. (Participant)
18 Oct 2012 → 19 Oct 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

8th HOLMUG meeting
Zhang, X. (Speaker)
18 Oct 2012 → 19 Oct 2012
Activity: Talks and presentations › Conference presentations

Committee member of Doctoral Examination of PhD student Frank van der Pijl
Andersen, M. A. E. (External examiner)
15 Oct 2012
Activity: Examinations and supervision › External examination

Aalborg University (External organisation)
Blanke, M. (Participant)
5 Oct 2012 → 18 Dec 2012
Activity: Membership › Membership in review committee

CST System Integrity Workshop Series 2012
Zhurbenko, V. (Organizer)
11 Sep 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Modelling and Control of Stiff Robots for Flexible Manufacturing (External organisation)
Ravn, O. (Participant)
7 Sep 2012
Activity: Membership › Membership in review committee
1st International Symposium on Socially and Technically Symbiotic Systems
Zhang, X. (Speaker)
29 Aug 2012 → 31 Aug 2012
Activity: Talks and presentations › Conference presentations

GreenBelt
Zhurbenko, V. (Participant)
27 Aug 2012 → 31 Aug 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

External examiner on PhD thesis by PhD student Sri Susovon Samanta
Andersen, M. A. E. (External examiner)
Jul 2012
Activity: Examinations and supervision › External examination

16th IFAC Symposium on System Identification
Ravn, O. (Invited speaker)
11 Jul 2012 → 13 Jul 2012
Activity: Talks and presentations › Conference presentations

Power-Hardware-in-the-Loop Test of VSC HVDC Connection for Offshore Wind Power Plants
Cha, S. (Speaker)
26 Jun 2012
Activity: Talks and presentations › Conference presentations

Linköping University (External organisation)
Blanke, M. (Participant)
15 Jun 2012
Activity: Membership › Membership in review committee

IEC61850 and Interoperability in SmartGrid
Pedersen, A. B. (Speaker)
11 Jun 2012 → 13 Jun 2012
Activity: Talks and presentations › Conference presentations

EDISON – ICT architectures for EV integration
Pedersen, A. B. (Speaker)
19 Apr 2012
Activity: Talks and presentations › Conference presentations

World-class experimental platform for Smart Grid development
Østergaard, J. (Invited speaker)
31 Mar 2012
Activity: Talks and presentations › Conference presentations

Aalborg University (External organisation)
Blanke, M. (Participant)
21 Mar 2012
Activity: Membership › Membership in review committee

DTU RoboCup 2012
Ravn, O. (Organizer)
20 Mar 2012 → 22 Mar 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
Spontane Otoakustische Emissionen - generiert durch aktive Oszillatoren gruppiert in Frequenzplateaus  
Epp, B. (Invited speaker)  
12 Mar 2012  
Activity: Talks and presentations › Conference presentations

European Robotic Forum 2012  
Ravn, O. (Speaker)  
5 Mar 2012 → 7 Mar 2012  
Activity: Talks and presentations › Conference presentations

35th MidWinter Meeting of the Association for Research in Otoaryngology  
Bianchi, F. (Participant)  
Feb 2012  
Activity: Attending an event › Participating in or organising a conference

5th International Conference on Cognitive Systems  
Ravn, O. (Participant)  
22 Feb 2012 → 23 Feb 2012  
Activity: Attending an event › Participating in or organising a conference

17th Nordic Process Control Workshop  
Prunescu, R. M. (Speaker)  
25 Jan 2012 → 27 Jan 2012  
Activity: Talks and presentations › Conference presentations

Medico Bazar  
Mohr, J. J. (Participant)  
10 Jan 2012  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Medico Bazar  
Zhurbenko, V. (Participant)  
10 Jan 2012  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Innovation Network RoboCluster (External organisation)  
Ravn, O. (Chairman)  
1 Jan 2012 → 31 Dec 2012  
Activity: Membership › Membership of research networks or expert groups

IEEE Transactions on Power Systems (Journal)  
Pinson, P. (Editor)  
2011 → …  
Activity: Research › Journal editor

Member IFAC Technical Committee on Marine Systems (External organisation)  
Blanke, M. (Participant)  
2011 → 2014  
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Springer Science + Business Media (Publisher)  
Zhurbenko, V. (Reviewer)  
2011  
Activity: Research › Peer review of manuscripts
Teaching Evaluation Exercise at Aalto University (External organisation)
Ravn, O. (Chairman)
2011 → …
Activity: Membership › Membership in review committee

The Government's Smart Grid Network (External organisation)
Troi, A. (Chairman)
2011
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Linköping University (External organisation)
Blanke, M. (Participant)
28 Dec 2011 → 1 Mar 2012
Activity: Membership › Membership in review committee

iPower - Strategisk platform for innovation og forskning i intelligent el
Troi, A. (Speaker)
8 Dec 2011
Activity: Talks and presentations › Conference presentations

Fremtidens energiforsyning
Troi, A. (Speaker)
5 Dec 2011
Activity: Talks and presentations › Conference presentations

Smart Charging for Electric Vehicle (EV) Fleet Operators (FOs) and ICT Implementation using IEC 61850
Pedersen, A. B. (Lecturer)
5 Dec 2011
Activity: Talks and presentations › Conference presentations

Modeling & Simulation of Distribution Networks: Multi-agent based LFC for islanding operation
Cha, S. (Speaker)
30 Nov 2011
Activity: Talks and presentations › Conference presentations

DTU-Elektro Project Day
Zhurbenko, V. (Speaker)
25 Oct 2011
Activity: Other

The Bornholm Power System: A Full-Scale Laboratory for Smart Grid Research
Østergaard, J. (Invited speaker)
18 Oct 2011
Activity: Talks and presentations › Conference presentations

Workshop on Modeling and simulation of modern electricity networks
Cha, S. (Speaker)
22 Sep 2011
Activity: Talks and presentations › Conference presentations

P L o S One (Journal)
Brasen, J. C. (Reviewer)
22 Aug 2011 → …
Activity: Research › Peer review of manuscripts
2011 American Control Conference  
Ravn, O. (Speaker)  
29 Jun 2011 → 1 Jul 2011  
Activity: Talks and presentations › Conference presentations

Real-Time Stability Assessment based on Synchrophasors: IEEE PowerTech 2011  
Jóhannsson, H. (Speaker)  
20 Jun 2011  
Activity: Talks and presentations › Conference presentations

Power System Balancing by Distributed Energy Resources and Flexible Demand  
Østergaard, J. (Invited speaker)  
18 May 2011 → 20 May 2011  
Activity: Talks and presentations › Conference presentations

DTU RoboCup 2011  
Ravn, O. (Organizer)  
22 Mar 2011 → 24 Mar 2011  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Forskning, udvikling og demonstration  
Troi, A. (Speaker)  
2 Mar 2011  
Activity: Talks and presentations › Conference presentations

Elektrificering af biotransporten og fleksibelt el-net  
Troi, A. (Organizer)  
26 Jan 2011  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Electromagnetic Analysis using Computer Simulation Technology  
Zhurbenko, V. (Organizer)  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Udvikling af nye metoder for realtidsstabilitetsovervågning af elforsyningssystemer: PMU/WAMS seminar hos Energinet.dk  
Jóhannsson, H. (Speaker)  
1 Jan 2011 → …  
Activity: Talks and presentations › Conference presentations

IEEE Asia-Pacific Conference on Applied Electromagnetics (External organisation)  
Zhurbenko, V. (Participant)  
2010  
Activity: Membership › Membership in review committee

IEEE Transactions on Power Electronics (Journal)  
Andersen, M. A. E. (Editor)  
2010 → …  
Activity: Research › Journal editor

The Minister for Climate, Energy and Building Smart Grid Network (External organisation)  
Østergaard, J. (Participant)  
2010 → 2011  
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar
Wind Energy (Journal)  
Pinson, P. (Editor)  
2010 → …  
Activity: Research › Journal editor

Assistive Technology for People with Vision and Hearing Impairments  
Bothe, H. (Speaker)  
5 Sep 2010  
Activity: Talks and presentations › Conference presentations

International Development Trends within Smart Grid  
Østergaard, J. (Invited speaker)  
30 Aug 2010  
Activity: Talks and presentations › Conference presentations

Lippenlesen im Dialog mit dem Computer  
Bothe, H. (Speaker)  
9 Aug 2010  
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

ThinkingHead – eine dialogfähige Computeranimation, die für das Erlernen des Absehens eingesetzt werden kann  
Bothe, H. (Speaker)  
7 Feb 2010  
Activity: Talks and presentations › Conference presentations

Modelling of power markets with large scale wind power  
Meibom, P. (Speaker)  
25 Jan 2010  
Activity: Talks and presentations › Conference presentations

Journal of Medical Ultrasonics (External organisation)  
Wilhjelm, J. E. (Participant)  
1 Jan 2010 → …  
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Ultragarsas (External organisation)  
Wilhjelm, J. E. (Participant)  
1 Jan 2010 → …  
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

External examiner on PhD thesis by PhD student Jelena Haas-Christensen  
Andersen, M. A. E. (External examiner)  
2009  
Activity: Examinations and supervision › External examination

Opponent på Doctoral Thesis af PhD-studerende Konstantiv Kostov  
Andersen, M. A. E. (External examiner)  
2009  
Activity: Examinations and supervision › External examination

Models for the dynamics of articulatory lip movements  
Bothe, H. (Speaker)  
5 Jul 2009  
Activity: Talks and presentations › Conference presentations
**Auditory neuroprostheses**
Bothe, H. (Speaker)
3 May 2009
Activity: Talks and presentations › Conference presentations

**International Congress of Ultrasonics (External organisation)**
Wilhjelm, J. E. (Participant)
1 Jan 2009 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**The Industrial PhD Programme Committee (External organisation)**
Ravn, O. (Participant)
1 Jan 2009 → 31 Dec 2014
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**International Conference On Cognitive Systems**
Tolu, S. (Participant)
2008
Activity: Attending an event › Participating in or organising a conference

**Member of the board of DIIRA, Danish Industrial Robot Association (External organisation)**
Ravn, O. (Participant)
2008 → 2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**Control Engineering Practice (Journal)**
Blanke, M. (Reviewer)
Oct 2008 → …
Activity: Research › Journal editor

**Moderne Hörhilfen - Auditorische Neuroprothesen**
Bothe, H. (Speaker)
7 Jul 2008 → 7 Aug 2008
Activity: Talks and presentations › Conference presentations

**Hearing-impaired, Deaf, and Deaf-blind People (External organisation)**
Bothe, H. (Chairman)
1 Jul 2008
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**IDA-Automation (External organisation)**
Friesel, A. (Participant)
2007 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**Seventh International Workshop on Information Processing in Cells and Tissues**
Tolu, S. (Speaker)
2007
Activity: Talks and presentations › Conference presentations

**IEEE Transactions on Aerospace and Electronic Systems (Journal)**
Blanke, M. (Editor)
Oct 2007 → Dec 2016
Activity: Research › Journal editor
IEEE Transactions on Aerospace and Electronic Systems (Journal)
Blanke, M. (Editor)
Oct 2007 → Dec 2016
Activity: Research › Journal editor

International Work Conference on Artificial Neural Networks
Tolu, S. (Speaker)
Jun 2007
Activity: Talks and presentations › Conference presentations

The world expedition Galathea 3 seen from Satellite Eye; EGU2007-ES3-1TH4O-001
Pedersen, L. T. (Speaker)
1 Jan 2007 → …
Activity: Talks and presentations › Conference presentations

External examiner on PhD thesis by PhD student Flemming Nyboe
Andersen, M. A. E. (External examiner)
2006
Activity: Examinations and supervision › External examination

The 2005 Eurosprite Observation Campaign
Allin, T. H. (Participant)
28 Aug 2006 → 1 Sep 2006
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Member of DTU Academic Council (External organisation)
Ravn, O. (Participant)
2005 → 2011
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Committee member at PhD defense by PhD student Bengt Johansson
Andersen, M. A. E. (External examiner)
12 Jan 2005
Activity: Examinations and supervision › External examination

Opponent on Doctoral Thesis by PhD student Vesa Toumainen
Andersen, M. A. E. (External examiner)
Mar 2004
Activity: Examinations and supervision › External examination

Fremtidig dansk deltagelse i udforskningen af Mars
Jørgensen, J. L. (Speaker)
18 Feb 2003
Activity: Talks and presentations › Conference presentations

Fremtidig dansk deltagelse i udforskningen af Mars
Primdahl, F. (Speaker)
18 Feb 2003
Activity: Talks and presentations › Conference presentations

Development Status of the MagNet Experiment
Primdahl, F. (Participant)
1 Jan 2003 → …
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
**Space magnetometry**
Primdahl, F. (Speaker)
4 Nov 2002 → 8 Nov 2002
Activity: Other

**Grønlands Indlandsis set med radarøjne: Dansk Naturvidenskabsfestival 2002**
Mohr, J. J. (Speaker)
1 Oct 2002
Activity: Talks and presentations › Conference presentations

**Fluxgate magnetometers**
Primdahl, F. (Invited speaker)
16 Sep 2002 → 18 Sep 2002
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

**Center for Electrical Energy Systems (CEES) (External organisation)**
Andersen, M. A. E. (Participant)
2001 → …
Activity: Membership › Board duties in companies, associations, or public organisations

**The Ørsted satellite high-precision magnetic vector measurements**
Merayo, J. M. (Speaker)
14 Dec 2000 → 19 Dec 2000
Activity: Talks and presentations › Conference presentations

**The Ørsted satellite high-precision magnetic vector measurements**
Primdahl, F. (Speaker)
14 Dec 2000 → 19 Dec 2000
Activity: Talks and presentations › Conference presentations

**The Ørsted satellite high-precision magnetic vector measurements**
Jørgensen, J. L. (Speaker)
14 Dec 2000 → 19 Dec 2000
Activity: Talks and presentations › Conference presentations

**The Ørsted satellite high-precision magnetic vector measurements**
Brauer, P. (Speaker)
14 Dec 2000 → 19 Dec 2000
Activity: Talks and presentations › Conference presentations

**Magnetiske felter i rummet**
Primdahl, F. (Participant)
28 Nov 2000
Activity: Other

**Magnetiske felter i rummet**
Primdahl, F. (Guest lecturer)
27 Sep 2000
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

**Magnetiske felter i rummet**
Primdahl, F. (Lecturer)
6 Jul 2000
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Primdahl, F. (Speaker)
25 Apr 2000 → 28 Apr 2000
Activity: Talks and presentations › Conference presentations


Jørgensen, J. L. (Speaker)
25 Apr 2000 → 28 Apr 2000
Activity: Talks and presentations › Conference presentations

Statistics of the plasma domain observed by Astrid-2
Primdahl, F. (Speaker)
25 Apr 2000 → 28 Apr 2000
Activity: Talks and presentations › Conference presentations

Verden set med mikrobølgeøjne: Ungdommens Naturvidenskabelige Forening (UNF)
Mohr, J. J. (Speaker)
1 Jan 2000
Activity: Talks and presentations › Conference presentations

In-flight calibration methods used for the Ørsted mission
Brauer, P. (Speaker)
9 Mar 1999
Activity: Talks and presentations › Conference presentations

In-flight calibration methods used for the Ørsted mission
Merayo, J. M. (Speaker)
9 Mar 1999
Activity: Talks and presentations › Conference presentations

In-flight calibration methods used for the Ørsted mission
Primdahl, F. (Speaker)
9 Mar 1999
Activity: Talks and presentations › Conference presentations

Danish Energy Agency - Energy Research Program - EFP (External organisation)
Andersen, M. A. E. (Participant)
1991 → 1992
Activity: Membership › Membership in review committee

ISO TC 43/WG 1: Threshold of hearing (External organisation)
Poulsen, T. (Participant)
1980 → ...
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ISO TC43/SC 1/WG 17: Methods of measurement of sound attenuation of hearing protectors (External organisation)
Poulsen, T. (Participant)
1975 → ...
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar
Prizes:

2013 IEEE ECCE Asia Downunder First Prize Paper
Michael A. E. Andersen (Recipient), 3 Jun 2013
Prize: Prizes, scholarships, distinctions

Academic Research Grant 2017
Theis Bo Rasmussen (Recipient), 2017
Prize: Prizes, scholarships, distinctions

AEG Elektronprisen
Michael A. E. Andersen (Recipient), 31 Aug 2004
Prize: Prizes, scholarships, distinctions

A. R. Angelo's Grant
Michael A. E. Andersen (Recipient), 1990
Prize: Prizes, scholarships, distinctions

Best Poster Prize UPEC ’91
Michael A. E. Andersen (Recipient), 19 Sep 1991
Prize: Prizes, scholarships, distinctions

Best Student E-Poster Award (First Prize)
Lin Fan (Recipient), 4 Oct 2016
Prize: Prizes, scholarships, distinctions

Best Student Paper Award
Emil Krabbe Nielsen (Recipient), 29 Nov 2017
Prize: Prizes, scholarships, distinctions

Danish Akustisk Selskab Fonden Travel Grant
Alexander Weider King (Recipient), 2015
Prize: Prizes, scholarships, distinctions

DTU Innovation Prize
Michael A. E. Andersen (Recipient), 28 Apr 2006
Prize: Prizes, scholarships, distinctions

EliteForsk-rejsestipendium
Rie Beck Hansen (Recipient), 23 Feb 2017
Prize: Prizes, scholarships, distinctions

First Prize UTRC Best Student Paper at ECCE 2013
Michael A. E. Andersen (Recipient), 15 Sep 2013
Prize: Prizes, scholarships, distinctions

ISAAR scholarship
Helia Relano Iborra (Recipient), 2017
Prize: Prizes, scholarships, distinctions

New Investigator Award for Basic Science
Tommaso di Ianni (Recipient), Mar 2017
Prize: Prizes, scholarships, distinctions
On the list of the 40 outstanding reviewers of IEEE Transactions on Power Systems for 2015
Jalal Kazempour (Recipient), 2015
Prize: Prizes, scholarships, distinctions

On the list of the 47 outstanding reviewers of IEEE Transactions on Smart Grid for 2016
Jalal Kazempour (Recipient), 2016
Prize: Prizes, scholarships, distinctions

On the list of the 8 outstanding editorial board members of International Transactions on Electrical Energy Systems (Wiley) for 2017
Jalal Kazempour (Recipient), 2017
Prize: Prizes, scholarships, distinctions

Oticon Fonden Ph.D. Scholarship
Alexander Weider King (Recipient), 2016
Prize: Prizes, scholarships, distinctions

Otto Mønsteds Fond - Travel Grant
Florian Thams (Recipient), 19 Nov 2016
Prize: Prizes, scholarships, distinctions

Otto Mønsteds Fond - Travel Grant
Theis Bo Rasmussen (Recipient), 9 Oct 2017
Prize: Prizes, scholarships, distinctions

Otto Mønsteds Fond - Travel Grant
Jundi Jia (Recipient), 12 Jul 2017
Prize: Prizes, scholarships, distinctions

P. Gorm-Petersen's Memorial Grant
Michael A. E. Andersen (Recipient), 1991
Prize: Prizes, scholarships, distinctions

Reinholdt W. Jorck og Hustrus Fond - Travel Grant
Florian Thams (Recipient), 10 Nov 2016
Prize: Prizes, scholarships, distinctions

Travel grant
Theis Bo Rasmussen (Recipient), 2017
Prize: Prizes, scholarships, distinctions

Press clippings:

Europractice Activity Report 2016
Pere Llimos Muntal
01/05/2017
1 media contribution
Press / Media

Hvad gør jeg, hvis jeg taber min mobil i toiletteet?
Ivan Harald Holger Jørgensen
11/03/2017
1 media contribution
Press / Media
Nye løsninger kan tage livet af den irriterende klods på ledningen
Michael A. E. Andersen
25/04/2016
1 media contribution
Press / Media

Mord på film: Batman
Alexander Weider King
30/03/2016
1 media contribution
Press / Media

New Universal Robots Driver Makes Manipulation Research Easier
Thomas Timm Andersen
09/02/2016
1 media contribution
Press / Media

CLEAN REVOLUTION: Denmark is striving to become the world's first carbon-neutral nation
Jacob Østergaard
27/11/2015
1 media contribution
Press / Media

Fremtiden er sammentænkte energiløsninger
Jacob Østergaard
15/11/2015
1 media contribution
Press / Media

Go morgen P3
Ole Ravn
24/06/2015
1 media contribution
Press / Media

Spådommen, der blev til lov: Gordon Moore forudså smartphones og iPads i 1965
Ivan Harald Holger Jørgensen
11/06/2015
1 media contribution
Press / Media

Tag iPad'en med hjem
Jari Due Jessen
23/04/2015
1 media contribution
Press / Media

Spotlight on Denmark
Pierre Pinson
01/01/2015
1 media contribution
Press / Media

La France sans nucleaire, c'est possible!
Pierre Pinson
Jacob Østergaard: From Smart Grids to Smart Energy
Jacob Østergaard
01/12/2014
1 media contribution
Press / Media

Go morgen P3
Ole Ravn
28/10/2014
1 media contribution
Press / Media

DR2 Morgen
Ole Ravn
24/10/2014
1 media contribution
Press / Media

P1 Morgen
Ole Ravn
24/10/2014
1 media contribution
Press / Media

Nærderne kommer
Sébastien Santurette
17/05/2014
1 media contribution
Press / Media

Børn koder robotter: Coding Pirates
Jari Due Jessen
20/03/2014
1 media contribution
Press / Media

Microprocessoren er ved at løbe tør for atomer
Ivan Harald Holger Jørgensen
17/01/2014
1 media contribution
Press / Media

Derfor er det smart at dreje batterierne i fjernbetjeningen
Ole Ravn
16/01/2014
1 media contribution
Press / Media

DR2 Dagen
Ole Ravn
18/12/2013
1 media contribution
Press / Media
Automatiske dræber-robotter møder kritik
Ole Ravn
31/05/2013
1 media contribution
Press / Media

Aftenshowet
Ole Ravn
11/04/2013
1 media contribution
Press / Media

Magnetopolerne flytter sig
Fritz Primdahl
23/09/2002
1 media contribution
Press / Media