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Thermodynamic analysis of a shared cogeneration system and electrical mobility located in a Northern Europe climate
Publication: Research - peer-review » Article in proceedings – Annual report year: 2016

Thermodynamic Evaluation of Floating Production Storage and Offloading Facilities with Liquefaction Processes
Publication: Research - peer-review » Article in proceedings – Annual report year: 2016

Thermoeconomic optimization of a Kalina cycle for a central receiver concentrating solar power plant
Publication: Research - peer-review » Journal article – Annual report year: 2016

Thermophoresis of water droplets inside carbon nanotubes
Publication: Research - peer-review » Conference abstract in proceedings – Annual report year: 2016

The Translation between Functional Requirements and Design Parameters for Robust Design
Publication: Research - peer-review » Conference article – Annual report year: 2016

Projects:
Ship propulsion in waves
Saettone, S., Andersen, P. & Steen, S.
01/12/2017 → 30/11/2020
Sustainability Impact Assessment for Circular Economy
Kravchenko, M., McAloone, T. C., Pigosso, D. C. A., Hauschild, M. Z. & Hildenbrand, J.
01/12/2017 → 30/11/2020
Project: PhD

Shape and Topology Optimization of Aeroelastic Systems
Conlan-Smith, C. J., Andreasen, C. S., Ramos García, N. & Sigmund, O.
15/11/2017 → 14/11/2020
Project: PhD

Multi-axial fatigue damage laws for composite materials at the macro-scale
Moncy, A., Berggreen, C., Branner, K. & Stang, H.
01/11/2017 → 31/10/2020
Project: PhD

Gaseous surface hardening and heat treatment of martensitic stainless steel
Tibollo, C., Somers, M. A. J., Barrallier, L., Christiansen, T. L. & Michel, G.
01/10/2017 → 30/09/2020
Project: PhD

Modelling the thermo-metallurgical-mechanical conditions in precision additive metal manufacturing
Bayat, M., Hattel, J. H., Mohanty, S., Thorborg, J. & Tiedje, N. S.
01/10/2017 → 30/09/2020
Project: PhD

Developing Modular Product and Process Architectures in Engineer to Order (ETO) Companies
Christensen, C. K. F., Mortensen, N. H. & Hvam, L.
15/09/2017 → 14/09/2020
Project: PhD

Extension of a Fast Potential Flow Solver to Fully-Nonlinear Wave Loading on Offshore Structures
Hicks, J. B. H., Bingham, H. B., Lindberg, O. & Read, R.
15/09/2017 → 14/09/2020
Project: PhD

Integrating Micro and Nano structures on Steel Surfaces - Process Chain Implementation and Validation
Loaldi, D., Tosello, G., Calaon, M. & Zhang, Y.
15/09/2017 → 14/09/2020
Project: PhD

Topology optimization for transient problems
Kristiansen, H., Aage, N., Poulios, K. & Sigmund, O.
15/09/2017 → 14/09/2020
Project: PhD

Viscoelastic Simulation and Optimization of Filament based 3D Printing
Serdeczny, M. P., Spangenberg, J. & Pedersen, D. B.
15/09/2017 → 14/09/2020
Project: PhD
Experimental and numerical investigation of friction, power loss and lubricant transport between a piston ring and cylinder liner in a heavy duty diesel engine.
Overgaard, H. T., Klit, P. & Vølund, A.
11/09/2017 → …
Project

Biofuel production based on Integrated Systems combining Biomass Gasification and Solid Oxide Cells
Butera, G., Clausen, L. R., Ahrenfeldt, J. & Jensen, S. H.
01/09/2017 → 31/08/2020
Project: PhD

Fully-nonlinear Wave Interaction with Moored Floating marine Structures
Xu, Y., Bingham, H. B. & Shao, Y.
01/09/2017 → 31/08/2020
Project: PhD

Numerical modelling of heat treatment and post processing of additive manufactured metal parts
De Baere, D., Hattel, J. H., Mohanty, S., Thorborg, J. & Tiedje, N. S.
01/09/2017 → 31/08/2020
Project: PhD

Numerical Modelling of Material Flow in the Resin Infusion Pultrusion Process
Sandberg, M., Spangenberg, J., Baran, I. & Hattel, J. H.
15/08/2017 → 14/08/2020
Project: PhD

How to improve the utilization of a Configuration Lifecycle Management (CLM) system
Myrodia, A., Hvam, L. & Randrup, T.
14/08/2017 → 14/02/2020
Project

Designing Sustainable Circular Business Models on Product/Service-Systems
de Pádua Pieroni, M., Pigosso, D. C. A., Hildenbrand, J. & McAloone, T. C.
15/06/2017 → 14/06/2020
Project: PhD

Design of innovative low-cost expanders for organic Rankine cycle power systems
Geiselhart, M., Haglind, F., Almdal, K., Lenau, T. A. & Schiffmann, J. A.
01/06/2017 → 31/05/2020
Project: PhD

Powder Technologies for Additive Manufacturing
Andersen, S. A., Hansen, H. N. & Pedersen, D. B.
01/06/2017 → 31/05/2020
Project: PhD

Industry 4.0 Digital Technologies For High Added Value Zero Defect Manufacturing
Charalambis, A., Tosello, G., Calaon, M., Hansen, H. N. & Pedersen, D. B.
01/05/2017 → 14/12/2017
Project: PhD

Fracture of Fiber Composites under Transient Loading
Pérez, I. V., Berggreen, C., Eriksen, R. N. W., Kepler, J. A., Riisgaard, B. & Toftegaard, H. L.
15/04/2017 → 14/04/2020
Project: PhD
Integrated process chains based on additive manufacturing precision processes and technologies for production of high accuracy mould components
Moshiri, M., Tosello, G., Hansen, H. N., Harder, R. & Høvsgaard, P.
01/04/2017 → 31/03/2020
Project: PhD

Numerical Modelling and Experimental Characterization of the Resin Injection Pultrusion Process
01/04/2017 → 05/05/2020
Project: PhD

Vibrations for Estimating Bolted Joint Integrity (VEBJI)
Brøns, M., Thomsen, J. J., Fidlin, A. & Tcherniak, D.
01/04/2017 → 31/03/2020
Project: PhD

Nanofluids as working fluids for organic Rankine cycles
Montagud, M. E. M. & Haglind, F.
01/03/2017 → 01/03/2019
Project

Measurement of lubricant film thicknesses by laser induced fluorescence
Overgaard, H. T., Klit, P. & Vølund, A.
01/03/2017 → ...
Project

Damage Tolerance of Sandwich Structures in Naval Operating in Arctic Regions Vessels
Sabbadin, P., Berggreen, C., Hayman, B. & Legarth, B. N.
01/03/2017 → 29/02/2020
Project: PhD

Rheology of matrix and concrete with crushed aggregates
Skare, E. L., Spangenberg, J., Jacobsen, S. & Mørtsell, E.
01/03/2017 → 29/02/2020
Project: PhD

Surface Engineering of Bulk Metallic Glasses
Haratian, S., Somers, M. A. J. & Christiansen, T. L.
01/03/2017 → 29/02/2020
Project: PhD

Waste heat recovery on liquefied natural gas-fuelled ships
Baldasso, E., Haglind, F., Larsen, U. & Montagud, M. E. M.
01/03/2017 → 29/02/2020
Project: PhD

Developing High Performance Aluminium Tube Alloys for heat exchange Applications
Zaffaroni, G. G. B., Ambat, R., Gudla, V. C., Nordlien, J. H. & Sørensen, J. S.
01/02/2017 → 31/01/2020
Project: PhD

Investigation of oil production well corrosion issues and prevention
Rizzo, R., Ambat, R., Fosbøl, P. L. & Thomsen, K.
01/02/2017 → 31/01/2020
Project: PhD
Transient Optimization of Acoustic-Mechanical Interaction Problems
Dilgen, C. B., Aage, N. & Jensen, J. S.
01/02/2017 → 31/01/2020
Project: PhD

Advancing Numerical Analysis of Large Scale Crack Propagation in Plate Structures
Andersen, R. G., Nielsen, K. L. & Niordson, C. F.
01/01/2017 → 31/12/2019
Project: PhD

Applying modular architecture and LEAN thinking to well head platforms
Hilstrøm, K. W., Mortensen, N. H. & Bek-Pedersen, E.
01/01/2017 → 10/01/2017
Project: PhD

From Passive to Controllable Gas Foil Bearings - Modelling & Control Design
von Osmanski, A. S., Santos, I. & Larsen, J. S.
01/01/2017 → 31/12/2019
Project: PhD

Surface engineering of Fe-C coatings
Nielsen, J. O., Pantleon, K. & Møller, P.
01/01/2017 → 31/12/2019
Project: PhD

Stability of Tungsten Plates during High Temperatures
Ciucani, U. M., Pantleon, W. & Luo, G.
01/12/2016 → 30/11/2019
Project: PhD

Modelling of Hydraulic Fracturing
Lynggaard, J., Niordson, C. F., Andreasen, C. S. & Jørgensen, O.
15/10/2016 → 14/10/2019
Project: PhD

Development and Validation of Mechanical Micro Polishing of 3D and Free Form Geometries for Application to Micro Forging Dies
Ben Achour, S., Bissacco, G. & De Chiffre, L.
01/10/2016 → 30/09/2019
Project: PhD

End-to-end configuration
Rasmussen, J. B., Mortensen, N. H. & Hvam, L.
01/10/2016 → 30/09/2019
Project: PhD

Heat Pump Integration in the Greater Copenhagen District Heating System
Jørgensen, P. H., Elmegaard, B., Markussen, W. B. & Ommen, T. S.
01/10/2016 → 30/09/2019
Project: PhD

Heat pump solutions for integration with district heating in a renewable energy system
Meesenburg, W., Elmegaard, B., Markussen, W. B. & Ommen, T. S.
01/10/2016 → 30/09/2019
Project: PhD
Resonant Piezoelectric Shunt Damping of Structures
Toftekær, J. F., Høgsberg, J. B., Benjeddou, A. & Krenk, S.
01/10/2016 → 30/09/2019
Project: PhD

Electrocatalytic Materials
Villadsen, S. N. B., Møller, P. & Nielsen, L. P.
15/09/2016 → 14/09/2019
Project: PhD

Damping of Torsional Beam Vibrations
Hoffmeyer, D., Høgsberg, J. B. & Krenk, S.
01/09/2016 → 31/08/2019
Project: PhD

Process chains to manufacture micro structures on 3D surfaces by replication
Li, D., Zhang, Y., Bissacco, G., Tang, P. T. & Tosello, G.
01/09/2016 → 31/08/2019
Project: PhD

Production of Synthetic Fuels
Warm, C., Møller, P. & Nielsen, L. P.
01/09/2016 → 31/07/2017
Project: PhD

Experimental and Numerical studies of water flow in choanocytes and choanoflagellates
Asadzadeh, S. S., Walther, J. H. & Meyer, K. E.
01/08/2016 → 31/07/2019
Project: PhD

Process technologies for functional anisotropic surfaces generation in Quick Response Code applications
Regi, F., Zhang, Y. & Tosello, G.
01/08/2016 → 31/07/2019
Project: PhD

Micro scale metal plasticity: fundamentals and applications
Martínez Pañeda, E.
01/07/2016 → 30/06/2018
Project

Characterizing Porous Tool Materials for Impulse Drying Technology
Stolfi, A.
01/06/2016 → 01/07/2017
Project

Metrology for Additively Manufactured Medical Implants
Stolfi, A. & De Chiffre, L.
01/06/2016 → 31/05/2019
Project
Aerodynamic Stability of Long Span Bridges
Møller, R. N., Krenk, S., Pedersen, C. & Svendsen, M. N.
01/06/2016 → 31/05/2019
Project: PhD

Cutting Force Modelling and Error Compensation in Large Structure Machining
Checchi, A., Bissacco, G. & Hansen, H. N.
01/06/2016 → 31/05/2019
Project: PhD

Improving endurance of wind-turbine coatings for use in offshore environments
Johansen, N. F., Møller, P. & Bech, J. I.
01/06/2016 → 31/05/2019
Project: PhD

CoolPower
Haglind, F. & Baldasso, E.
05/05/2016 → 04/09/2017
Project

Lubricant Transport across the Piston Ring with Flat and Triangular Lubrication Injection Profiles on the Liner in Large Two-Stroke Marine Diesel Engines.
Overgaard, H. T., Klit, P. & Vølund, A.
02/05/2016 → 07/06/2017
Project

High precision tooling for heat assisted micro forging
Cannella, E., Nielsen, C. V., Bay, N. O. & Rasmussen, A. A.
01/05/2016 → 30/04/2019
Project: PhD

Integrated micro product/process quality assurance in micro injection moulding production
Baruffi, F., Tosello, G. & Calaon, M.
01/05/2016 → 30/04/2019
Project: PhD

Optimal integration of district heating, district cooling, heat sources and heat sinks
Pieper, H., Markussen, W. B., Elmegaard, B. & Ommen, T. S.
01/05/2016 → 04/06/2019
Project: PhD

Biomass Corrosion Management
Malede, Y. C., Hald, J., Dahl, K. V. & Montgomery, M.
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

Understanding and Implementing Design for Biodegradability
Meijer, E. B. & McAloone, T. C.
01/02/2016 → 17/06/2016
Project
Application of Architectures in SME's
Rask, L. C., Mortensen, N. H., Hvam, L. & Vestergaard, J.
01/02/2016 → 31/01/2019
Project: PhD

Limits of lubrication in severe stamping operations
Moghadam, M., Nielsen, C. V., Bay, N. O., Christiansen, P. & Møller, P.
01/02/2016 → 03/04/2019
Project: PhD

Microproportioning with crushed sand: experiment and simulations of fine particles effect on rheology
Ramenskiy, E., Jacobsen, S., Hattel, J. H. & Spangenberg, J.
01/02/2016 → 17/11/2016
Project: PhD

Experimental analysis of heat transfer and pressure drop using zeotropic mixtures in plate heat exchangers for low-grade heat to power conversion
Haglind, F. & Zhang, J.
01/01/2016 → 31/12/2018
Project: PhD

Additive Manufacturing of Fibre-Reinforced Polymers
Hofstätter, T., Tosello, G., Hansen, H. N. & Tosello, G.
01/01/2016 → 27/05/2019
Project: PhD

Developing High Frequency Pulse Anodizing Methods for Decorative Aluminium
Jensen, F.; Ambat, R., Gudla, V. C. & Kongstad, I.
01/01/2016 → 31/12/2018
Project: PhD

Investigation of Different Piston Ring Curvatures on Lubricant Transport along Cylinder Liner in Large Two-Stroke Marine Diesel Engines
Overgaard, H. T., Klit, P. & Vølund, A.
01/01/2016 → 30/09/2016
Project: PhD

Investigation of material combinations for gold free electrical contact systems
Jensen, P. J. B., Ambat, R., Gudla, V. C. & Jellesen, M. S.
01/01/2016 → 13/01/2019
Project: PhD

Multiscale design methods for Topology Optimization
Groen, J. P., Sigmund, O., Aage, N. & Lazarov, B. S.
01/01/2016 → 31/12/2018
Project: PhD

Precision Injection Moulding of Micro Features using Integrated Process/Product Quality Assurance
Giannekas, N., Tosello, G., Hansen, H. N. & Zhang, Y.
01/01/2016 → 31/12/2018
Project: PhD

Sulphuric Acid Corrosion in Large 2-Stroke Diesel Engines
Kjemtrup, L., Schramm, J., Cordtz, R. F. & Ivarsson, A.
01/01/2016 → 31/12/2018
Early application of tolerance design
Bjarklev, K., Mortensen, N. H. & Eifler, T.
15/12/2015 → 14/12/2018
Project: PhD

Heat transfer equipment for utilization of low temperature heat sources
Mancini, R., Elmegaard, B., Haglind, F. & Markussen, W. B.
01/12/2015 → 30/11/2018
Project: PhD

Design and modelling of concentrated solar power plants focusing on dynamic performances
Haglind, F. & Ferruzza, D.
01/11/2015 → 31/10/2018
Project: PhD

Alloy development for martensitic High Cr steels
Fedorova, I. & Hald, J.
01/11/2015 → 31/10/2018
Project: PhD

Design and modelling of boilers for concentrated solar power plants
Ferruzza, D., Haglind, F., Kærn, M. R. & Laumert, B.
01/11/2015 → 31/10/2018
Project: PhD

Experimental and Numerical Characterization of Nano-filled Polymers for Thin-Walled Micro Component
Doagou Rad, S., Islam, A. & Jensen, J. S.
01/11/2015 → 31/10/2018
Project: PhD

High-performance heat pump cycles for low temperature heat sources
Zühlsdorf, B., Elmegaard, B., Haglind, F. & Markussen, W. B.
01/11/2015 → 31/10/2018
Project: PhD

Topology Optimization of Transient Heat Transfer Problems
Zeidan, S., Sigmund, O., Engelbrecht, K. & Lazarov, B. S.
01/11/2015 → 30/04/2017
Project: PhD

MICROMAN, Process Fingerprint for Zero-defect NET-shape
01/10/2015 → 30/09/2019
Project

Heat transfer in swirling flow
Binti Haminudin, N. F. & Meyer, K. E.
01/10/2015 → 30/09/2018
Project: PhD

Interaction of stress and phase transformations during thermochemical surface engineering
Küçükylidiz, O. C., Hattel, J. H., Somers, M. A. J. & Thorborg, J.
01/10/2015 → 30/09/2018
Project: PhD
Organic Rankine cycle unit for waste heat recovery on ships
Haglind, F., Montagud, M. E. M. & Andreasen, J. G.
01/09/2015 → 28/02/2017
Project

Numerical and experimental work of a small-scale organic Rankine cycle unit
Haglind, F. & Baldasso, E.
01/09/2015 → 28/02/2017
Project

Bonding processes for large wind turbine blades - numerical modelling and experimental verification
01/09/2015 → 31/03/2017
Project: PhD

Diesel Engine Tribology
Overgaard, H. T., Klit, P. & Vølund, A.
01/09/2015 → 15/09/2018
Project: PhD

Extreme wave interaction and wave loads on offshore wind turbine structures
Vested, M. H., Christensen, E. D., Carstensen, S. & Dixen, M.
01/09/2015 → 21/06/2019
Project: PhD

Flow in SCR systems
Gotfredsen, E. & Meyer, K. E.
01/09/2015 → 31/08/2018
Project: PhD

New production paradigms for wind turbines
01/09/2015 → 31/08/2018
Project: PhD

Steady-State Modeling of Engineering Processes
Juul, K. J., Nielsen, K. L. & Niordson, C. F.
01/09/2015 → 31/08/2018
Project: PhD

Moulding Process Development with Impulse Drying
Didone, M., Tosello, G. & Howard, T. J.
01/08/2015 → 31/01/2019
Project: PhD

Tooling for green fibre moulding
Saxena, P., Bissacco, G. & Howard, T. J.
01/08/2015 → 31/07/2018
Project: PhD

Using Integrated Sustainable Product Development for the development of a Green Fibre Bottle for Carlsberg
01/08/2015 → 31/07/2018
Project: PhD
Disbond Damages in Aircraft Honeycomb Sandwich Structures
Farshidi, A., Berggreen, C., Carlsson, L. A. & Hilgers, R.
15/07/2015 → 14/07/2018
Project: PhD

Investigating New Design Paradigms in Agile Product Development and Rapid Prototyping
Jensen, L. S., Mortensen, N. H. & Özkil, A. G.
15/07/2015 → 14/07/2018
Project: PhD

Reduction of methane emissions from LNG fuelled diesel engines
Jespersen, M. C., Ivarsson, A. & Schramm, J.
01/07/2015 → 30/09/2018
Project: PhD

Improving the wear- and corrosion resistance of high-performance stainless steel by interstitial alloying
Elmegaard-Fessel, N., Somers, M. A. J., Christiansen, T. L. & Jellesen, M. S.
15/06/2015 → 30/09/2016
Project: PhD

State-of-the-art laser Doppler systems development for turbulence measurements
Yaacob, M. R., Velte, C. M., Buchhave, P. & Meyer, K. E.
15/06/2015 → 14/06/2018
Project: PhD

State-of-the-art laser Doppler systems development for turbulence measurements
Yaacob, M. R., Velte, C. M., Meyer, K. E. & Buchhave, P.
01/06/2015 → 31/05/2018
Project

Numerical Simulation of the Hydrodynamic Behaviour of the Lubricant Oil Film in Large Two-stoke Marine Diesel Engines
Karvounis, N., Walther, J. H. & Vølund, A.
01/06/2015 → 31/05/2018
Project: PhD

Phase transformations in supermartensitic stainless steels
Nießen, F., Somers, M. A. J. & Hald, J.
01/06/2015 → 31/05/2018
Project: PhD

Structural reorganization during cyclic deformation
Diederichs, A. M., Pantleon, W. & Poulsen, H. F.
01/06/2015 → 31/05/2018
Project: PhD

Design and Optimization of Active Magnetic Bearings (AMB) for Offshore Flywheel Energy Storage System (FESS)
Dagnæs-Hansen, N. A., Santos, I., Høffner, J. & Zamany, J.
01/05/2015 → 30/04/2018
Project: PhD

Experimental and theoretical investigations of turbulent axi-symetric jets
Hodzic, A., Velte, C. M., Meyer, K. E. & George, W. K.
15/04/2015 → 14/04/2018
Project
Dynamic Propeller Shaft Speed Control
Galeazzi, R. & Andersen, P.
01/04/2015 → 01/05/2017
Project

EnergyLab Nordhavn - New Urban Energy Infrastructures
01/04/2015 → 31/03/2019
Project

Experimental and theoretical investigations of turbulent axi-symmetric jets
Hodzic, A., Velte, C. M., George, W. K. & Meyer, K. E.
01/04/2015 → 31/03/2018
Project: PhD

Topology Optimization of Thermoelectric Generators
Lundgaard, C., Sigmund, O., Engelbrecht, K. & Lazarov, B. S.
01/04/2015 → 31/05/2018
Project: PhD

Two and Three Dimensional Modelling of Bridge Aerodynamics
Spieitz, H. J. & Walther, J. H.
01/04/2015 → 31/03/2018
Project: PhD

Intelligent Quality Assessment of Railway Switches and Crossings
01/03/2015 → 28/02/2019
Project

Development of Improved Cavitation and Noise Radiation Prediction Methods for Marine Propellers
Mirsadraee, Y., Andersen, P., Schöön, J. & Walther, J. H.
01/03/2015 → 28/02/2018
Project: PhD

Intelligent Quality Assessment of Railway Switches and Crossings (INTELLISWITCH)
Thyregod, C., Erbsøll, B. K. & Juul Jensen, D.
01/03/2015 → 31/12/2019
Project

Limits of lubrication in deep drawing production
Üstünyagiz, E., Nielsen, C. V., Bay, N. O., Christiansen, P. & Martins, P. A. F.
01/03/2015 → 30/09/2018
Project: PhD

Limits of librication in severe stamping operations
Zahrani, E. G. & Bay, N. O.
15/02/2015 → 30/09/2015
Project: PhD

Building a business case for ecodesign implementation based on a system dynamics simulation model
Rodrigues, V. P., McAloone, T. C. & Pigosso, D. C. A.
01/02/2015 → 31/01/2018
Project: PhD

Development of new decorative nickel and chromium like coating systems with better chemical and physical properties
Reveko, V. & Møller, P.

Damping of overhead transmission line systems
Kliem, M., Høgsberg, J. B. & Berggreen, C.

Humidity control inside electronic enclosures: Developing design principles based on empirical understanding
Joshy, S., Ambat, R. & Jellesen, M. S.

Quantified Robust Design: Measurement of sensitivity, variance and impact
Boorla, S. M., Howard, T. J. & Eifler, T.

Exhaust Gas Valve for High Temperatures
Hattel, J. H. & Sonne, M. R.

Advanced Thermodynamic Methods for Utilization of Industrial Energy Saving Potentials
Bühler, F. & Elmegaard, B.

Coatings for Biomass firing
Wu, D., Hald, J., Christiansen, T. L. & Dahl, K. V.

Cyclic Yielding of Tubular Structures
Tidemann, L., Krenk, S., Tyksen, J. & Wægter, J.

AC-Corrosion of Cathodically Protected Pipelines
Junker-Holst, A., Møller, P. & Nielsen, L. V.

Design and modelling of expander and compression machines for thermodynamic cycles utilizing low-temperature heat sources
Meroni, A., Haglind, F., Elmegaard, B., Persico, G. & Pierobon, L.

Topology optimization of thermal heat sinks
Engelbrecht, K., Haertel, J. H. K., Sigmund, O. & Lazarov, B. S.
Measuring Surf-Zone Wave Conditions and other Coastal Processes
Hansen, A. B., Carstensen, S., Drønen, N. K. & Drønen, N. K.
01/11/2014 → 21/02/2018
Project: PhD

Modelling Climatic Reliability of Electronic Devices
Shojaee Nasirabadi, P., Hattel, J. H., Mohanty, S. & Spangenberg, J.
01/11/2014 → 31/10/2017
Project: PhD

Optimization of Industrial Energy Efficient Heat Pumps
Christensen, S. W., Elmegaard, B. & Markussen, W. B.
01/11/2014 → 31/10/2017
Project: PhD

Process chains for advanced tooling based on additive manufacturing
Biondani, F. G., Bissacco, G., Hansen, H. N., De Chiffre, L., Beaucamp, A. & Lauwers, B.
01/11/2014 → 31/10/2017
Project: PhD

Tsunami-Seabed Interaction
Eltard-Larsen, B., Fuhrman, D. R., Christensen, E. D., Hjelmager Jensen, J. & Sumer, B. M.
01/11/2014 → 20/04/2018
Project: PhD

Development and testing of tailored surfaces for sheet metal forming
Sulaiman, M. H. B., Nielsen, C. V., Bay, N. O., Christiansen, P., De Chiffre, L., Ceron, E. & Dubar, L.
15/10/2014 → 07/12/2017
Project: PhD

Climatic Reliability of Electronic Devices
Piotrowska, K., Ambat, R. & Jellesen, M. S.
01/10/2014 → 30/09/2017
Project

CFD analyses of flow and scour around a mono-pile with and without scour protection
Mandviwalla, X., Christensen, E. D. & Carstensen, S.
01/10/2014 → 31/12/2017
Project: PhD

Fracture Characterization and Analysis in Curved Sandwich Structures
Saseendran, V., Berggreen, C., Carlsson, L. A. & Thomsen, O. T.
01/10/2014 → 30/12/2017
Project: PhD

Modeling for Dynamic Length Metrology in Accurate Manufacture
Mohammadi, A., Hattel, J. H. & Sonne, M. R.
01/10/2014 → 31/12/2017
Project: PhD

Quartz Coated Metals for Hygienic applications in Food, Pharma and Medical Industry
Lampert, F., Møller, P., Rasmussen, J. B., Minzari, D., Nielsen, L. P. & Taylor, S. R.
01/10/2014 → 30/09/2017
**Water film formation on PCBA surface under humidity: Investigation of electrochemical and electrical aspects leading to corrosion failures**
Piotrowska, K., Ambat, R. & Jellesen, M. S.
01/10/2014 → 02/06/2018

**FMAT**
Mahshid, R. & Hansen, H. N.
15/09/2014 → ...

**Improvement of heat transfer processes in power cycles utilizing low grade heat**
Andreasen, J. G., Haglind, F., Elmegaard, B. & Kærn, M. R.
01/09/2014 → 13/11/2018

**Optimizing Oil Production by Novel Technology Integration - Well flow modeling**
Hemmingsen, C. S., Walther, J. H. & Nielsen, K. K.
01/09/2014 → 15/04/2018

**Sensoring for dynamic length metrology in accurate manufacture**
01/09/2014 → 30/09/2017

**Topology Optimization and Lattice Bolzmann Methods**
Nørgaard, S. A., Sigmund, O., Engelbrecht, K., Lazarov, B. S., Fuhrman, D. R., Evgrafov, A. & Stingl, M. W.
01/09/2014 → 31/10/2017

**Development of a decision support system for ships based on continous measurements**
Choi, J. H., Nielsen, U. D., Andersen, I. M. V. & Jensen, J. J.
01/08/2014 → 30/07/2018

**Micro Assembly Injection Moulding of Multi-Material Micro Mechanical Systems**
Hasnæs, F. B., Tosello, G., Elsborg, R. & Hansen, H. N.
01/08/2014 → 31/05/2015

**Nonlinear Dynamics of Controllable Backup Bearings - Theory & Experiment**
01/08/2014 → 31/07/2017

**Reducing time-to-market by means of modular platforms**
Løkkegaard, M., Mortensen, N. H., Hvam, L., Hildre, H. P., Bysted, T. & Malmqvist, J.
01/08/2014 → 21/10/2017

**Design and Optimization of Active Feedback Control for Flexible Rotor-Blade Systems**
de Souza Reboucas, G. F., Santos, I., Schilder, F., Starke, J. & Thomsen, J. J.
15/07/2014 → 30/03/2018
SteelWind
Winther, G. & Grumsen, F. B.
01/07/2014 → 31/12/2017
Project

Development of natural seabed forms and their interaction with OWF
Margalit, J., Fuhrman, D. R. & Fuhrman, D. R.
01/07/2014 → 31/12/2017
Project: PhD

Martensitic Transformation in Metastable Austenitic Stainless Steel
Villa, M., Somers, M. A. J., Alimadadi, H. & Jensen, L. H. S.
01/06/2014 → 31/05/2016
Project

Composite mast structures for electrical transmission lines
Manouchehr, M. & Berggreen, C.
01/06/2014 → 01/04/2018
Project: PhD

Characterisation and modelling of crystallographic orientation changes at the grain scale during plastic deformation
Juul, N. Y., Winther, G. & Oddershede, J.
01/04/2014 → 31/03/2017
Project

Advanced thermodynamic cycles utilising low-temperature heat sources
01/03/2014 → 28/02/2019
Project

Mechanical and microstructural transients after strain path changes in metal forming
Jensen, M. R. B., Winther, G. & Bay, N. O.
01/03/2014 → 06/06/2017
Project

Tailoring dynamic properties of spatially periodic structures
Sorokin, V.
01/02/2014 → 31/01/2016
Project

Multi-scale material models for smart metal forming
Winther, G., Oddershede, J., Bay, N. O., Juul, N. Y. & Jensen, M. R. B.
01/02/2014 → 31/07/2017
Multi Scale Micro and Nano Metrology for Advanced Precision Moulding Technologies
Quagliotti, D., Tosello, G., Hansen, H. N., De Chiffre, L., Balsamo, A. & Bosse, H.
01/02/2014 → 20/04/2017
Project: PhD

Product/Service-System Design from a Life Cycle Costing Perspective
Pagoropoulos, A., McAloone, T. C., Maier, A., Laurent, A., Andersen, I. M. V. & Isaksson, K. O.
01/02/2014 → 21/09/2017
Project: PhD

Enhanced evaluation of structural damping using Operational Modal Analysis
Bajric, A., Høgsberg, J. B., Thomsen, J. J., Chatzi, E. & Peeters, B.
15/01/2014 → 17/09/2017
Project: PhD

Metric-driven Robust Design and Robustness Quantification of Complex Engineering Systems
Göhler, S. M., Howard, T. J., Eifler, T., McMahon, C. A., Dantan, J. & Söderberg, R.
15/01/2014 → 29/09/2017
Project: PhD

Structural Design of FRP Composite Flexible Riser Systems
Lukassen, T. V., Berggreen, C. & Anyfantis, K.
15/12/2013 → 16/06/2018
Project: PhD

The process chain in microstructured polymer optical fibres production
Fasano, A., Rasmussen, H. K., Szabo, P., Christiansen, J. D. C. & Søndergaard, T.
15/12/2013 → 23/03/2017
Project: PhD

DTU-Novo Nordisk Robust Design Programme
Howard, T. J., Pedersen, S. N., Christensen, M. E., Göhler, S. M. & Eifler, T.
01/12/2013 → 01/12/2017
Project

Multiphysics approach applied to the design of AMB for high speed turbomachinery
Lauridsen, J. S., Santos, I., Schlee, M., Blanke, M., Keogh, P. S. & Maslen, E. H.
01/12/2013 → 30/09/2017
Project: PhD

Product/Service-System Design from a Life Cycle Environmental Perspective
Kjær, L. L., McAloone, T. C., Pigosso, D. C. A., Olsen, S. I., Evans, S. & Goedkoop, M.
01/12/2013 → 03/01/2018
Project: PhD

Quantifying Functional Requirements as Robust Design Target Values
Pedersen, S. N., Howard, T. J., Eifler, T., McMahon, C. A., Dantan, J. & Söderberg, R.
01/12/2013 → 29/05/2017
Project: PhD

Integrated Quality Control of Precision Assemblies using Computed Tomography
15/11/2013 → 16/02/2017
Project: PhD
Quantitative Architecture Synthesis
Jensen, T. V., Mortensen, N. H. & Hansen, C. T.
15/11/2013 → 01/04/2018
Project: PhD

Quality control and tolerance verification of complex castings by means of optical methods
Mohaghegh, K.
01/11/2013 → 01/11/2016
Project

Assessment, STRategy And Risk Reduction for Tsunamis in Europe
Fuhrman, D. R., Sumer, B. M. & Eltard-Larsen, B.
01/11/2013 → 01/11/2016
Project

Advanced Process Chains for Prototyping and Pilot Production based on Additive Manufacturing
Mischkot, M., Tosello, G., Hansen, H. N. & Pedersen, D. B.
01/11/2013 → 31/10/2017
Project: PhD

Climatic Reliability of Electronic Devices
Gudla, H. V. C., Ambat, R., Hattel, J. H., Jellesen, M. S., Holm, A. H., König, D. & Pan, J.
01/11/2013 → 30/11/2017
Project: PhD

State-of-the-art laser Doppler system for turbulence measurements
Velte, C. M. & Buchhave, P.
23/10/2013 → 31/12/2015
Project

Developing semi-empirical models for predicting climate inside electronic device enclosures
Staliulionis, Z., Hattel, J. H., Ambat, R., Jellesen, M. S., Mohanty, S., Rode, C., Park, S. & Tamulevicius, S.
15/10/2013 → 22/07/2017
Project: PhD

Major retrofitting technologies for containerships- propellers
Regener, P. B., Andersen, P., Bingham, H. B., Bensow, R. E. & Steen, S.
01/10/2013 → 20/04/2017
Project: PhD

Numerical modeling of the hot wire and hot blade cutting processes
Petkov, K., Hattel, J. H., Thorborg, J., Ahn, D. & Aitchison, D. R.
15/09/2013 → 16/02/2017
Project: PhD

Automation and Robotics for EUropean Sustainable Manufacturing
Bey, N., Rödger, J., Dijkman, T. J., Hauschild, M. Z., Molin, C. & Alting, L.
01/09/2013 → 31/08/2016
Project

Analyses of fish-cage interaction with waves and currents
Chen, H., Christensen, E. D., Bingham, H. B., Kristiansen, T. & Zang, J.
01/09/2013 → 22/06/2017
Project: PhD
Fast Methods for Predicting the Added Resistance on Ships
01/09/2013 → 09/12/2016
Project: PhD

Modelling the Effects of Process Induced Defects on Subsequent Mechanical Behaviour of Cast Components
Andriollo, T., Hattel, J. H., Thorborg, J., Tiedje, N. S., Niordson, C. F., Bellet, M. & Kouznetsova, V.
01/09/2013 → 16/02/2017
Project: PhD

Thermomechanical modelling of casting large wind turbine parts
01/09/2013 → 07/12/2017
Project: PhD

Numerical Simulation of Flow and Compression of Green Sand
15/08/2013 → 07/09/2017
Project: PhD

Numerical Simulation of Flow and Compression of Green Sand
15/08/2013 → 07/09/2017
Project: PhD

Topology optimization for medium- to high-frequency applications
Christiansen, R. E., Sigmund, O., Jensen, J. S., Lazarov, B. S., Agerkvist, F. T., Berggren, M. & Schevenels, M.
15/06/2013 → 30/09/2016
Project: PhD

High-temperature corrosion on biodust firing
Okoro, S. C., Pantleon, K., Jappe Frandsen, F., Hald, J., Lundberg, M. O. & Yrjas, P. K.
15/03/2013 → 19/01/2017
Project: PhD

Operation of Ultra Large Contianer Ships
15/03/2013 → 04/07/2016
Project: PhD

Optimization of materials for nonlinear dynamic performance
Frandsen, N. M. M., Jensen, J. S., Thomsen, J. J., Høgsberg, J. B., Kerschen, G. & Phani, A. S.
15/03/2013 → 01/09/2016
Project: PhD

Topology Optimisation for Multiscale Problems
Alexandersen, J., Sigmund, O., Aage, N., Lazarov, B. S., Jensen, J. S., Guedes, J. A. P. L. M. & Maute, K.
15/03/2013 → 09/12/2016
Project: PhD

BLADERUNNER - Large scale cost-effective robotic production of advanced formwork
Hattel, J. H., Petkov, K. & Gravesen, J.
01/03/2013 → 31/08/2016
Project
Effects and characterization of metal release from metal implants
Christiansen, R. J., Jellesen, M. S., Bonefeld, C. M., Jakobsen, S. S., Hilbert, L. R., Summer, B. & Tengvall, P.
01/03/2013 → 09/12/2016
Project: PhD

Topology optimization for additive manufacturing
01/03/2013 → 09/12/2016
Project: PhD

Combining Gas Bearing and Smart Material Technologies for Improving Machine Performance - Theory and Experiment
Nielsen, B. B., Santos, I., Andreasen, C. S., Bonello, P. & Savi, M. A.
01/02/2013 → 18/05/2017
Project: PhD

Design and Manufacture of micro Products Using Concurrent Engineering
01/02/2013 → 28/04/2016
Project: PhD

Surface engineering of metallic implants
Barington, A. E., Christiansen, T. L. & Jellesen, M. S.
01/02/2013 → 30/06/2016
Project: PhD

Micro punching of micro containers for oral drug delivery
Petersen, R. S., Mahshid, R. & Hansen, H. N.
21/01/2013 → 13/11/2014
Project

Handling of interfaces in high-complex and multidisciplinary products
01/01/2013 → 04/07/2016
Project: PhD

Radiation in Combustion Engines
01/01/2013 → 23/03/2017
Project: PhD

Micro Injection Moulding for Micro Fuel cells Production
15/12/2012 → 25/11/2016
Project: PhD

Detailed analyses of breaking wave dynamics interaction with nearshore and offshore structures
Tomaselli, P., Christensen, E. D., Fuhrman, D. R., Bihs, H. & Troch, P.
01/12/2012 → 19/01/2017
Project: PhD

Ionic Liquid Hydrogen Compressor
Arjomand Kermani, N., Rokni, M., Elmegaard, B., Li, Q., Bellosta von Colbe, J. M. & Yartys, V. A.
01/12/2012 → 07/12/2017
Project: PhD
Prediction of Stainless Steel Performance After Forming and Finishing
Bottoli, F., Winther, G., Christiansen, T. L., Somers, M. A. J., Hald, J., Drouet, M. & Hanshan, D.
15/11/2012 → 07/04/2016
Project: PhD

Integrated Systems for Bioenergy and Agriculture in a future without Fossil Resources
Sigurjónsson, H. Æ., Elmegaard, B., Ahrenfeldt, J., Clausen, L. R., Birkved, M., Holm, J. K. & Marechal, F.
01/11/2012 → 22/06/2017
Project: PhD

Modeling and Analysis of Coupled wind Turbine Blades
01/11/2012 → 07/04/2016
Project: PhD

Multi material additive manufacturing
01/11/2012 → 07/04/2016
Project: PhD

Smart Materials Applied to Control Rotor Dynamics - Theory and Experiment
Enemark, S., Santos, I., Thomsen, J. J., Meraghni, F. & Wiercigroch, M.
01/11/2012 → 07/04/2016
Project: PhD

Tank Design for Combined High Pressure Gas and Solid State Hydrogen Storage
01/11/2012 → 26/05/2016
Project: PhD

Turbulence Modeling in Multiresolution Vortex Methods with Application to Bluff Body Aerodynamics
01/11/2012 → 01/09/2016
Project: PhD

High Precision Micro Production Technologies
Tosello, G., Islam, A., Marhöfer, D. M. & Giannekas, N.
30/10/2012 → 30/11/2015
Project

Autonomous optimization of flow, solidification and thermomechanical conditions in the high pressure die casting process
Li, S., Hattel, J. H., Spangenberg, J. & Tutum, C. C.
15/09/2012 → 15/10/2016
Project: PhD

Topology Optimisation for Coupled Convection Problems
Alexandersen, J., Sigmund, O., Andreasen, C. S. & Aage, N.
03/09/2012 → 22/02/2013
Project

Analysis of power cycles using multi-component working fluids
Knudsen, T., Haglind, F. & Clausen, L. R.
01/09/2012 → 30/04/2014
Project: PhD
Dimensionally stable reflow polishing of molding tools
Mohaghegh, K.
01/09/2012 → 31/10/2013
Project

Heat driven air conditioning system based on Desiccant Dewpoint Cooler DDC 2012
01/09/2012 → 16/02/2017
Project: PhD

Higher order continuum modeling of micro-structural evolution in plastically deformed metals
01/09/2012 → 07/12/2017
Project: PhD

Micro-structural evolution and size-effects in single crystals
01/09/2012 → 25/11/2016
Project: PhD

Modelling and optimisation of novel polygeneration plants
Lythcke-Jørgensen, C. E., Haglind, F., Clausen, L. R., Münster, M., Morthorst, P. E., Ahlgren, E. & Pistikopoulos, E. N.
01/09/2012 → 19/01/2017
Project: PhD

Modelling of concentrated solar power systems using multi-component working fluids
Modi, A., Haglind, F., Clausen, L. R., Wieland, C., Elmegaard, B., Gonzalez-Aguilar, J. & Karella, S.
01/09/2012 → 28/01/2016
Project: PhD

Udvikling af ultra-høj-temperatur hybridvarmeaepumpe for industrielle procesapplikationer
Jensen, J. K., Elmegaard, B., Markussen, W. B., Reinholdt, L. O., Rokni, M., Eikevik, T. M. & Elefsen, F.
01/09/2012 → 28/04/2016
Project: PhD

Makromekanisk parametrisk forsterkning
Neumeyer, S., Thomsen, J. J., Jensen, J. S., Gallacher, B. J. & Sorokin, S. V.
15/08/2012 → 30/09/2016
Project: PhD

FRP Composite Flexible Riser Systems
15/07/2012 → 25/02/2016
Project: PhD

Modeling of displacements of flexible pavements under moving load
Madsen, S. S., Pedersen, N. L., Høgsberg, J. B., Kallivokas, L. F. & Vabbersgaard Andersen, L.
01/07/2012 → 30/09/2016
Project: PhD

Synthesis and characterisation of interstitial solutions
Brink, B., Somers, M. A. J., Christiansen, T. L., Ståhl, K., Pantleon, W., Hansen, S. S. & Malinov, S.
01/07/2012 → 30/09/2015
Project: PhD
Systemintegration i teknologiudviklingsprojekter
01/07/2012 → 04/07/2016
Project: PhD

Design for micro manufacturing
15/06/2012 → 30/10/2015
Project: PhD

IFaCOM– Intelligent Fault Correction and selfOptimizing Manufacturing systems
Mohaghegh, K.
01/05/2012 → 31/08/2012
Project

Computational thermodynamics of interstitial alloys
01/05/2012 → 30/11/2015
Project: PhD

Diesel Engine Tribology
01/05/2012 → 28/04/2016
Project: PhD

Mechatronics applied to Lubrication Systems of Internal Combustion Engines - Theory and Experiment
Pierart Vásquez, F. G., Santos, I., Kilt, P., Achiche, S. & Aidanpää, J.
01/05/2012 → 26/05/2016
Project: PhD

Modelling selective Laser Melting
01/05/2012 → 11/12/2015
Project: PhD

Optimization in nonlinear dynamic using reduced-order models
Dou, S., Jensen, J. S., Pedersen, N. L., Kerschen, G. & Sorokin, S. V.
01/05/2012 → 30/11/2015
Project: PhD

Udvikling af Produkt/Service-systemer i nye forretningsområdet og virksomheder
Andersen, J. A. B., McAloon, T. C., Broeng, J., Larsson, T. C. & Thoben, K.
01/05/2012 → 11/12/2015
Project: PhD

Development of low cost electrocatalysts for oxygen evolution in advanced alkaline electrolyzers
Egelund, S. D., Møller, P., Jensen, J. A. D., Nielsen, C. V., Tang, P. T., Johnsen, R. & Leisner, P.
01/04/2012 → 24/09/2015
Project: PhD

High efficiency, low-cost cathode electrodes durable in advanced alkaline electrolyzers
Caspersen, M., Møller, P., Jensen, J. A. D., Nielsen, C. V., Tang, P. T., Johnsen, R. & Leisner, P.
01/04/2012 → 24/09/2015
Project: PhD
Model-Based Control Design for Flexible Rotors Supported by Active Tilting Pad Bearings
Salazar, J. A. G., Santos, I., Galeazzi, R., Glavatskih, S. & Sahinkaya, M. N.
01/04/2012 → 19/01/2017
Project: PhD

Modelling induction heating in the surface of injection moulding tools
01/04/2012 → 24/09/2015
Project: PhD

Optical designing of anodized aluminium surfaces
Gudla, V. C., Ambat, R., Juhl, A. D., Deconinck, J. & Takahashi, H.
01/04/2012 → 30/11/2015
Project: PhD

Træfsikkerhed i produktudvikling gennem brugercentreret design: En undersøgelse af teori og praksis
Christensen, M. E., Howard, T. J., McAlloone, T. C., Mortensen, N. H., Söderberg, R. & Thornton, A.
01/04/2012 → 25/02/2016
Project: PhD

Damping of Wind Turbine Tower Vibrations
15/03/2012 → 19/01/2017
Project: PhD

Steam initiated surface modification process for metallic surfaces
Din, R. U., Ambat, R., Nielsen, L. P., Leygraf, C. & Nisancioglu, K.
15/03/2012 → 22/06/2015
Project: PhD

Sustainable processes in foundry industry, theory and practical implementation
di Muoio, G. L., Tiedje, N. S., Johansen, B. B., Thorborg, J., Hansen, T. & Schumacher, P.
01/03/2012 → 22/06/2015
Project: PhD

Yaw Drive Unit
Mohaghegh, K.
01/02/2012 → 31/05/2012
Project

Innovative Multi-purpose offshore platforms: planning, design and operation
01/01/2012 → 31/12/2015
Project

Seals in Multiphase Flow: Identification of Rotor Dynamic Properties using Active Magnetic Bearings - Modeling and Validation
Voigt, A. J., Santos, I., Nielsen, K. K., Klit, P., Arghir, M. & Keogh, P. S.
01/01/2012 → 25/11/2016
Project: PhD

Thermal Stability of Tungsten
15/12/2011 → 24/09/2015
Project: PhD
Design and Modelling of Small Scale Low Temperature Power Cycles
Wronski, J., Haglind, F., Elmegaard, B., Skovrup, M. J., Ivarsson, A., Shaffer, B. R. & van den Broek, M.
01/12/2011 → 28/01/2016
Project: PhD

Hybrid Testing of Wind Turbine Blades
01/12/2011 → 04/07/2016
Project: PhD

Interaction of stress and phase transformations during thermochemical surface engineering
01/12/2011 → 28/01/2016
Project: PhD

Modelling and design of Anodised Aluminium Surfaces
Johansen, V. E., Sigmund, O., Aage, N., Breinbjerg, O., Mortensen, N. A., Berggren, M. & Shin, J. H.
01/12/2011 → 19/03/2015
Project: PhD

Requirement management with multiple product platforms
Hauksdóttir, D., Mortensen, N. H., Hvam, L., Nielsen, P. E., Malmqvist, J., Hildre, H. P. & Krause, D.
01/12/2011 → 24/09/2015
Project: PhD

Tooling process chains for micro injection moulding
01/12/2011 → 19/03/2015
Project: PhD

Early prediction and control of climatic reliability of electronic devices
Verdingovas, V., Ambat, R., Jellesen, M. S., Krog, J. P., Leisner, P. & Nowottnick, M.
01/11/2011 → 24/08/2015
Project: PhD

Modelling and Optimization of Energy Systems for Off-Shore Platforms
Nguyen, T., Elmegaard, B., Haglind, F., Sin, G., Angelo, P. & de Oliveira Júnior, S.
01/11/2011 → 26/01/2015
Project: PhD

Modelling of innovative gas turbine and waste heat recovery systems for off-shore platforms
01/11/2011 → 19/03/2015
Project: PhD

Intelligent Fault Correction and self Optimizing Manufacturing Systems
15/10/2011 → 22/06/2015
Project: PhD

Multi-Functional Surfaces
Mohaghegh, K.
01/10/2011 → 31/01/2012
Project
High-efficiency energy system utilising combined heat and power and heat pumps
Ommen, T. S., Elmegaard, B., Markussen, W. B., Rokni, M., Meibom, P. & Palm, B.
01/10/2011 → 24/08/2015
Project: PhD

Udvikling af teknologisk produktarkitektur fra specification til produktion
01/10/2011 → 07/04/2016
Project: PhD

Predicting the added resistance of slow ships in waves
15/09/2011 → 19/03/2015
Project: PhD

Optically Designed Anodized Aluminum Surfaces
Canulescu, S.
01/09/2011 → 01/09/2015
Project

Computational modelling of rolling contact fatigue in wind turbines
01/09/2011 → 26/01/2015
Project: PhD

Failure mechanisms in metallic components of Wind turbine drive trains
West, O., Somers, M. A. J., Christiansen, T. L., Dahl, K. V., Pantleon, K., Slycke, J. T. & Wang, L.
01/09/2011 → 23/02/2015
Project: PhD

Integrated analysis of the scavenging process in marine two stroke diesel engines
Andersen, F. H., Walther, J. H., Matlok, S., Mayer, S., Sørensen, J. N., Mihaescu, M. & Pedersen, E.
01/09/2011 → 28/01/2016
Project: PhD

Mechanics of sheet flow sediment transport in waves and current
01/09/2011 → 19/03/2015
Project: PhD

Modelling and experimental verification of fatigue failure development in rolling and sliding contacts
01/09/2011 → 19/03/2015
Project: PhD

Modelling of High Temperature Corrosion of Metals in Biomass-fired Power Plants
01/09/2011 → 19/03/2015
Project: PhD

Non-linear Analysis of Rotating Machines Supported by Air Foil Journal Bearings - Theory & Experiments
Larsen, J. S., Santos, I., Pløger, F., Klit, P., Bonello, P. & Liebich, R.
01/09/2011 → 24/04/2015
Project: PhD
Optimal design of porous materials
Andreassen, E., Jensen, J. S., Sigmund, O., Thomsen, J. J., Høgsberg, J. B., Guedes, J. A. P. L. M. & Lund, E.
01/09/2011 → 19/03/2015
Project: PhD

Radiation in pre-mixed flames
Dalen, K. R., Schramm, J. & Ivarsson, A.
01/09/2011 → 06/09/2015
Project: PhD

Biosurface and biotribological properties of mucins and mucus gels
Madsen, J. B., Lee, S., Chronakis, I. S., Kocherbitov, V. & Zappone, B.
01/08/2011 → 30/09/2014
Project: PhD

Damage Tolerance Enhancement of sandwich Structures
01/08/2011 → 24/09/2015
Project: PhD

Improved design bases of welded joints in seawater
01/08/2011 → 01/09/2016
Project: PhD

Prediction of fatigue life of flexible pipes used in gas and oil industry
Rogowska, M., Ambat, R., Gudme, J., Pantleon, K., Fontenay, F. L. S. D., Dugstad, A. & Johnsen, R.
01/08/2011 → 24/09/2015
Project: PhD

Process validation in micro and nano replication
Calaon, M., Hansen, H. N., Tosello, G., da Costa Carneiro, K., Whiteside, B. R. & Worgull, M.
01/08/2011 → 03/12/2014
Project: PhD

Design of next generation wind turbine rotors
Shen, W. Z., Sørensen, J. N., Zhu, W. J. & Madsen, J.
01/07/2011 → 30/06/2014
Project

Advanced Thermodynamic Methods for Optimization of Industrial Energy Consumption
Nielsen, D. R., Elmegaard, B., Bang-Møller, C. & Luxhøj, C.
01/06/2011 → 31/10/2012
Project: PhD

Modelling the pultrusion process of off shore wind turbines blades
Baran, I., Hattel, J. H., Nielsen, P. H., Tutum, C. C., Nunes, J. P. L. G., Ersoy, N. & Lilleheden, L. T.
01/06/2011 → 25/08/2014
Project: PhD

Density-driven currents and deposition of fine materials
Saremi, S., Hjelmager Jensen, J., Christensen, E. D., Petersen, O. S., Fuhrman, D. R., Mulder, T. D. & Rhee, C. V.
01/05/2011 → 25/08/2014
Project: PhD
Characterization of vortex generator induced structures in high Reynolds number wall bounded flow
Velte, C. M., Braud, C., Foucaut, J. M. & Cuvier, C.
01/04/2011 → 30/06/2012
Project

Brush-forming Polyelectrolytes for Biomimetic Lubrication
Røn, T., Lee, S., Sivebæk, I. M., Daasbjerg, K. & Sotres, J.
01/04/2011 → 29/09/2014
Project: PhD

Investigation of photocatalytic activity of TiO2 coatings on metallic substrates prepared using PVD process
Daviösdóttir, S., Ambat, R., Dirscherl, K., Nielsen, L. P., Di Quarto, F. & Kelly, P. J.
01/04/2011 → 19/12/2014
Project: PhD

Micro Mechanical Damage Tolerance improvements of Composites
01/04/2011 → 25/08/2014
Project: PhD

Modelling the deformation process of flexible stamps for nanoimprint lithography
01/04/2011 → 03/12/2014
Project: PhD

Soft, Slimy, Sliding Interfaces: Biotribological Properties of Mucins and Mucus gies
Lee, S.
01/04/2011 → 31/03/2016
Project

Micro metal forming
Mahshid, R., Hansen, H. N., Arentoft, M., Bissacco, G., Andreasen, J. L. & Vollertsen, F.
15/03/2011 → 19/12/2014
Project: PhD

Adiabatic Liquid Piston Compressed Air Energy Storage
Bang-Møller, C., Reinholdt, L., Elmegaard, B., Pedersen, A. S., Pedersen, A. H. & Crotogino, F.
01/03/2011 → …
Project

Development of modeling techniques for project management in product development
01/03/2011 → 26/05/2014
Project: PhD

Numerical modelling of defects distribution and residual stresses in forged components
Christiansen, P., Hattel, J. H., Bay, N. O., Thorborg, J., Lindgren, L. & Tekkaya, A. E.
15/02/2011 → 25/08/2014
Project: PhD

Numerical modelling of tape casting of functionally graded ceramic materials
Jabbariehnam, M., Hattel, J. H., Pryds, N., Frandsen, H. L., Mitsoulis, E. & Tok, A.
01/02/2011 → 29/09/2014
Project: PhD
REWIND - Knowledge based engineering for improved reliability of critical wind turbine components
Hattel, J. H., Tvergaard, V., Somers, M. A. J., Fæster, S., Natarajan, A. & Klit, P.
01/01/2011 → 31/12/2016
Project

A Biomimetic Approach to Lubricate Engineering Materials
Lee, S.
01/01/2011 → 31/12/2011
Project

Aerodynamics and optimization of wind turbines in complex terrain
Shen, W. Z., Zhu, W. J., Sørensen, J. N. & Aagaard Madsen, H.
01/01/2011 → 31/12/2014
Project

Electroplating of Protective coatings on interconnects used for solid oxide fuel cell stacks
Harthøj, A., Møller, P., Rasmussen, J. B., Tang, P. T., Froitheim, J. & Leisner, P.
01/01/2011 → 03/12/2014
Project: PhD

Improvement of Feeder Technologies for Energy Savings in Cast Iron Foundries
Vedel-Smith, N. K., Tiedje, N. S., Hattel, J. H., Pedersen, K. M. & Sándor Diószegi, A.
01/01/2011 → 07/04/2016
Project: PhD

Numerical modelling of extrusion of functionally graded ceramic materials
01/01/2011 → 24/08/2015
Project: PhD

Udvikling af mekatroniske platforme
Bruun, H. P. L., Mortensen, N. H., Hvam, L., Malmqvist, J., Bysted, T. & Welo, T.
01/01/2011 → 23/02/2015
Project: PhD

Udvikling og demonstration af ‘DryPack’ - energibesparelser på industrielle tørreanlæg
Schneider, P., Elmegaard, B. & Kærn, M. R.
01/01/2011 → 01/03/2013
Project

Aerodynamic and Mechanical System Modelling
01/12/2010 → 24/03/2014
Project: PhD

Design and modelling of innovative machinery systems for large ships
01/12/2010 → 26/01/2015
Project: PhD

Stability of stone covers
Petersen, T. U., Sumer, B. M., Christensen, E. D., Carstensen, S., Frigaard, P. B. & Whitehouse, R. J. S.
01/12/2010 → 29/09/2014
Project: PhD
Wave interaction with porpous coastal structures
Jensen, B., Christensen, E. D., Sumer, B. M., Fuhrman, D. R., Allsop, W. & Troch, P.
01/12/2010 → 25/08/2014
Project: PhD

Integreret beslutningsstøttesystm for brug ombord i skibe
01/11/2010 → 29/09/2014
Project: PhD

Fluid Dynamic Characterization of Vortex Generators and Two-dimensional Turbulent Wakes
Fernandez Gamiz, U., Egusquiza Estevez, E. & Velte, C. M.
01/10/2010 → 26/11/2013
Project

Aluminium based plasma coatings for optical and corrosion resistant applications
Aggerbeck, M., Ambat, R., Nielsen, L. P., Afseth, A. & Terryn, H.
01/10/2010 → 28/04/2014
Project: PhD

Modeling and Dimensioning of Hydrogen Re-fuelling Stations
Rothuizen, E. D., Rokni, M., Elmegaard, B., Li, Q., Nielsen, M. P. & Woodfield, P. L.
01/10/2010 → 21/02/2014
Project: PhD

Modelling Nonlinear Wave Interaction with Floating Ocean Energy Devices
01/10/2010 → 01/09/2015
Project: PhD

Tribology of a Combined Yaw Bearing and Brake
Poulios, K., Klit, P., Pedersen, N. L., Jacobson, S. & Schipper, D. J.
01/10/2010 → 24/03/2014
Project: PhD

Marine solution decision support system for waste heat recovery systems
Haglind, F. & Stefánsson, S. H.
17/09/2010 → 30/05/2011
Project

BioDME som motorbrændstof
01/09/2010 → 24/08/2015
Project: PhD

Efficient CFD computation of extreme wave loads on wind turbine foundations
Paulsen, B. T., Bingham, H. B., Bredmose, H., Christensen, E. D., Grue, J. & Yeung, R. W.
01/09/2010 → 22/11/2013
Project: PhD

Modeling of Rotating Structures
Nielsen, M. B., Krenk, S., Høgsberg, J. B., Cardona, A. & Romero, I.
01/09/2010 → 28/04/2014
Project: PhD
Scavenging and swirling flow in two-stroke diesel engines - An experimental study
Ingvorsen, K. M., Meyer, K. E., Walther, J. H., Hansen, M. O. L., Alfredsson, H. & Gervang, B. G.
01/09/2010 → 24/03/2014
Project: PhD

Svovls betydning for drift af 2-takts dieselmotorer
Cordtz, R. F., Schramm, J., Ahrenfeldt, J., Cox, I. & Kjemtrup, N.
01/09/2010 → 20/06/2014
Project: PhD

Topology Optimisation for Convection Problems
Alexandersen, J. & Sigmund, O.
30/08/2010 → 30/09/2011
Project

High Strain Rate Performance of Composite Materials
01/08/2010 → 25/08/2014
Project: PhD

Isothermal Martensite Formation
01/08/2010 → 21/02/2014
Project: PhD

Lightweight Structural Protection Concepts against Blast Loading
01/08/2010 → 25/08/2014
Project: PhD

New tribo-system for sheet metal forming of advanced high strength steel and stainless steel
Ceron, E., Bay, N. O., Hörnström, S. E., Madsen, E., Schedin, E., De Chiffre, L., Dubar, L. & Olsson, D. D.
01/08/2010 → 27/01/2014
Project: PhD

Optimization of advanced liquid natural gas-fuelled machineries for a high-speed ferry
Haglind, F. & Tveitaskog, K. A.
01/08/2010 → 18/11/2011
Project

Quality Assurance and Akutomation of Industrial CT Scanning
01/08/2010 → 25/08/2014
Project: PhD

Et rammeværk til konceptualisering og specifikation af PSS designs - Netværksbaserede udviklingsmodeller
Mougaard, K., McAlone, T. C., Howard, T. J., Maier, A., Rönnbäck, A. Ö. & Storga, M.
01/07/2010 → 28/01/2016
Project: PhD

Fremstilling af carcass til fleksible rør
Nielsen, P. S., Bay, N. O., Nielsen, M. S., Tiedje, N. S., Groche, P. & Madsen Kvist, P.
01/07/2010 → 23/02/2015
Project: PhD
High Temperature Resistant Exhaust Valve Spindle
01/07/2010 → 28/04/2014
Project: PhD

A Global Condition Monitoring System for Wind Turbines
Schlechtingen, M., Santos, I., Klit, P., Bobi, M. A. S. & Liebich, R.
01/06/2010 → 27/08/2013
Project: PhD

Characterization and testing of multifunctional surfaces
01/05/2010 → 27/08/2013
Project: PhD

Modelling the effect of micro alloying elements in ductile cast iron
Moumeni, E., Hattel, J. H., Horsewell, A., Tiedje, N. S., Lacaze, J., Pedersen, K. M. & Tonn, B.
01/05/2010 → 30/09/2013
Project: PhD

Organisation for PSS delivery and management structures for PSS performance
Malthesen, L. N. & McAloone, T. C.
01/05/2010 → 29/01/2016
Project: PhD

Scavenging and Swirling Flow in Two-Stroke Diesel Engines - A Numerical Study
01/05/2010 → 29/09/2016
Project: PhD

Danish Centre for Composites Structures and Materials for Wind Turbines
01/04/2010 → 31/03/2017
Project

Photocatalytic TiO2 based coatings for self-cleaning and anti-microbial applications
Soyama, J. & Ambat, R.
15/03/2010 → 15/02/2011
Project: PhD

BioSOFC - 3rd Generation Biomass Based Combined Heat and Power (CHP)
01/03/2010 → 01/03/2013
Project

Grænsedragning mellem forskning og industri indenfor dansk rumfart
Zwisler, L., Tybjerg, K., Bjørnvig, T. & Skyggebjerg, L.
01/03/2010 → 01/12/2010
Project

Hybrid method simulation of slender marine structures
01/03/2010 → 23/02/2015
Project: PhD
Optimization of vortex generators on wind turbine blades
Velte, C. M., Hansen, M. O. L., Okulov, V., Sørensen, N. N. & Fuglsang, P.
01/02/2010 → 31/07/2013
Project

Integrated modelling of the glass moulding process
Sarhadi, A., Hattel, J. H., Hansen, H. N., Tutum, C. C., Thorborg, J., Yan, J. & Yi, A.
15/01/2010 → 29/09/2014
Project: PhD

Additive manufacturing technology - process and product quality control
01/01/2010 → 04/04/2013
Project: PhD

Coordinate metrology by traceable CT scanning
01/01/2010 → 04/04/2013
Project: PhD

Dynamic Simulation of a PEM Fuel Cell System
01/01/2010 → 01/05/2013
Project

Equation Free Analysis of Mechanical Vibrations
Bureau, E., Santos, I., Hjorth, P. G., Kerschen, G. & Savi, M. A.
01/01/2010 → 20/06/2014
Project: PhD

Fuel Cell Hydrogen Manifold for Lift Trucks
Hosseinzadeh, E., Rokni, M., Elmegaard, B., Jensen, J. O., Nielsen, M. P. & Yuan, J.
01/01/2010 → 04/04/2013
Project: PhD

Modeling the manufacturing process of wind turbine blades
Nielsen, M. W., Hattel, J. H., Legstrup Andersen, T., Branner, K., Nielsen, P. H., Thomsen, O. T., Svanberg, M. & Talreja, R.
01/01/2010 → 25/06/2013
Project: PhD

Rullekæders Dynamik: Teoretisk Modellering og Analyse
Fuglede, N., Thomsen, J. J., Høgsberg, J. B., Eberhard, P. & Fidlin, A.
01/01/2010 → 19/03/2015
Project: PhD

Scavenging and Swirling Flow in Two-Stroke Diesel Engines
Walther, J. H.
01/01/2010 → 31/12/2012
Project

2nd Generation Alkaline Electrolysis for Hydrogen Production
Kjartansdóttir, C. K., Møller, P., Tang, P. T., Jensen, J. A. D. & Leisner, P.
01/11/2009 → 21/02/2014
Project: PhD
Analysis of the physical structure of emulsions using advanced nanoscopy techniques
01/11/2009 → 27/08/2013
Project: PhD

3-D Modelling and Testing of Contact Problems in Resistance Welding
01/10/2009 → 31/01/2013
Project: PhD

Multi Physics Approach Applied to Model and Design of Grinding Facilities
Andersen, S. B., Santos, I., Stidsen, T. J. R., Achiche, S. & Bittencourt, M. L.
01/10/2009 → 04/04/2013
Project: PhD

Hydrodynamics of Marine Animals
Storti, F. & Walther, J. H.
01/09/2009 → 31/03/2010
Project: PhD

Mechatronics applied to Film Fluid Bearings - Towards More Efficient Machinery
Cerda Varela, A. J., Santos, I., Klit, P., Glavatskih, S. & Keogh, P. S.
01/09/2009 → 24/04/2013
Project: PhD

Modeling of product- and process architecture
01/09/2009 → 21/05/2015
Project: PhD

Systematic design of nano-photonic systems
Wang, F., Jensen, J. S., Mørk, J., Sigmund, O., Pedersen, N. L., Qiu, M. & Tortorelli, D. A.
01/09/2009 → 20/12/2012
Project: PhD

Udvikling og anvendelse af ikke-lineære svingningsanalyse værktøjer til industrielle roterende maskineri
Lahriri, S., Santos, I., Hartmann, H., Klit, P., Pennacchi, P. & Steffen Jr., V.
01/09/2009 → 04/04/2013
Project: PhD

Koordineret udvikling af produktarkitekturog forretningsprocesser
Hansen, C. L., Mortensen, N. H., Hvam, L., Welo, T., Johannesson, H. & Krause, D.
01/08/2009 → 26/01/2015
Project: PhD

Marine solution decision support system for waste heat recovery systems
Haglind, F. & Scappin, F.
01/08/2009 → 31/05/2010
Project

Væskeslag og gensvar af skibsskrog
Seng, S., Jensen, J. J., Pedersen, P. T., Bingham, H. B., Faltinsen, O. M. & el Moctar, B. O.
01/05/2009 → 27/05/2013
Project: PhD
Equation-Free Analysis of Mechanical Vibrations
Starke, J., Santos, I. & Thomsen, J. J.
01/04/2009 → 31/03/2012
Project

Kystmorfollogiske arealmodeller: medium- og langtidsmodellering
Kristensen, S. E., Fredsøe, J., Deigaard, R., Hjelmager Jensen, J., Christensen, E. D., Hanson, H. & Stive, M.
01/04/2009 → 26/02/2012
Project: PhD

Numerisk modellering af formfyldning ved stæbning i selvkompakterende beton
01/04/2009 → 24/08/2012
Project: PhD

Optimization of vortex generators on wind turbine blades
01/04/2009 → 01/09/2012
Project

Optimization of Metamaterials
Andkjær, J. A., Sigmund, O., Breinbjerg, O., Mortensen, N. A., Lavrinenko, A., Bozhevolnyi, S. I. & Leugering, G.
01/02/2009 → 02/05/2012
Project: PhD

Interaction between seabed soil and offshore wind turbine foundations
Hansen, N. M., Sumer, B. M., Fredsøe, J., Hededal, O., Gravesen, H. & Jeng, D.
01/03/2009 → 25/06/2012
Project: PhD

Dynamisk modellering af indvendigt riflede fordamperrør, med henblik på øget driftsfleksibilitet af termiske kraftværker
Johansen, A. V. O., Elmegaard, B., Sørensen, J. N., Walther, J. H., Dahlquist, E. & Sørensen, K.
01/02/2009 → 24/03/2014
Project: PhD

Optimization of Metamaterials
Andkjær, J. A., Sigmund, O., Breinbjerg, O., Mortensen, N. A., Lavrinenko, A., Bozhevolnyi, S. I. & Leugering, G.
01/02/2009 → 02/05/2012
Project: PhD

Tolerance chains and their verification in micro-manufacturing
01/02/2009 → 25/06/2012
Project: PhD

Metodisk konstruktion af produkter
Torry-Smith, J., Mortensen, N. H., Johannesson, H. L., McAlonee, T. C. & Riitahuhta, A.
01/01/2009 → 27/08/2013
Project: PhD

New Sol-Gel coatings to Improve casting quality
Nwaogu, U. C., Tiedje, N. S., Thorborg, J., Schumacher, P. & Stötzel, R.
01/11/2008 → 23/05/2012
Project: PhD
Prediction of flow induced inhomogeneities in self compacting concrete
01/11/2008 → 31/10/2012
Project

Rock Mechanics Model for Enhanced Oil Recovery
Ankergren, U. M. V., Krenk, S. & Christensen, H. F.
01/11/2008 → 17/08/2009
Project: PhD

Converging technologies for micro systems manufacturing
01/10/2008 → 30/09/2012
Project

Micro alloyed high strength net shape components
D'Angelo, L. & Tiedje, N. S.
15/09/2008 → 28/02/2010
Project: PhD

Multiscale Modeling of Composites
Azizi, R., Niordson, C. F., Legarth, B. N., Tvergaard, V., Richelsen, A. B., Fleck, N. A. & Jensen, H. M.
15/09/2008 → 21/12/2011
Project: PhD

Multiscale Simulations using Particle-Vortex Methods with Application to Bluff Body Aerodynamics
Rasmussen, J. T., Walther, J. H., Sørensen, J. N., Chatelain, P. & Rosendahl, L.
01/09/2008 → 24/08/2012
Project: PhD

Nanophotonics for terabit communications: VKR centre of excellence - NATEC
01/09/2008 → 31/08/2014
Project

Optimization and Validation of Mathematical Ship Models used in Routing and Performances Systems
01/09/2008 → 23/05/2012
Project: PhD

Scour Protection of Offshore Wind Farms
Nielsen, A. W., Sumer, B. M., Christensen, E. D., Fredsøe, J., Fuhrman, D. R., Myrhaug, D. & Whitehouse, R. J. S.
01/09/2008 → 21/12/2011
Project: PhD

Grain boundary engineering of functional thin films
15/08/2008 → 24/08/2012
Project: PhD

Multiscale Simulation of Wave Forces on Ocean Energy Devices
15/08/2008 → 28/08/2012
Project: PhD
Microstructure Evolution during Friction Stir Welding
01/08/2008 → 28/03/2012
Project: PhD

Scour Around Offshore Wind Turbine Foundations
Jensen, P. M., Sumer, B. M. & Fredsøe, J.
01/08/2008 → 31/03/2010
Project: PhD

Analysis of mal-distribution phenomena in evaporators
15/07/2008 → 25/01/2012
Project: PhD

Simulation of Moving Trailing Edge Flaps on a Wind Turbine Blade using Navier-Stokes based Immersed Boundary Method
Behrens, T., Shen, W. Z., Sørensen, J. N., Sørensen, N. N., Wedel-Heinen, J. J., Gaunaa, M., Bijl, H. & Davidson, L.
15/07/2008 → 21/12/2011
Project: PhD

Modelling and Control of Semi-Active Dampers
01/06/2008 → 28/03/2012
Project: PhD

Developing Strategies for Corrosion Protection of Electronic Devices
Rathinavelu, U., Ambat, R., Møller, P., Nielsen, L. P., Johnsen, R. & Leisner, P.
01/05/2008 → 21/12/2011
Project: PhD

Magnetic Foil Bearings - Theory and Experiment
Morosi, S., Santos, I., Klit, P., Lee, C. & Stahl, K.
15/04/2008 → 24/02/2012
Project: PhD

From Nanostructure to Micro Morphology in Polymers
01/04/2008 → 30/11/2011
Project: PhD

Performance of slow-speed diesel engines with waste heat recovery - a system approach
Haglind, F. & Barduca, O.
01/04/2008 → 31/03/2009
Project

Quasi-3d aerodynamic code for analyzing dynamic flap response
Ramos García, N., Sørensen, J. N., Shen, W. Z., Andersen, P., Sun, Y. & Voutsinas, S.
01/04/2008 → 28/09/2011
Project: PhD

Self cleaning paint: Introduction of Photocatalytic Particles into a Paint System
01/04/2008 → 02/05/2012
Topology Optimization of Transient Optoelastic Wave-interaction Problems
Matzen, R., Sigmund, O., Jensen, J. S., Merk, J., Diaz, A. R. & Kawamoto, A.
01/04/2008 → 31/08/2011
Project: PhD

Analysis and Design of Wing Tips
Borbye, J., Sørensen, J. N. & Brøns, M.
15/03/2008 → 28/04/2012
Project: PhD

Multiscale Optimization of Materials Subjected to Impact Loading
Andreasen, C. S., Sigmund, O., Jensen, J. S., Klarbring, A. & Rodrigues, H. C.
01/03/2008 → 28/09/2011
Project: PhD

Numerisk modellering af kystmorfologi
01/02/2008 → 21/12/2011
Project: PhD

Udvikling af HCCI motor til DME (DI Methyl Ether)
Mørch, C. S., Schramm, J. & Sorensen, S. C.
01/02/2008 → 28/02/2010
Project: PhD

Damage Tolerance of Curved Sandwich Structures in Wind Turbine Blades
15/01/2008 → 30/11/2011
Project: PhD

Micro alloyed high strength net shape components
Tiedje, N. S., Hattel, J. H. & Horsemell, A.
01/01/2008 → 31/12/2010
Project

Modalkontrol af vindmøller
01/01/2008 → 06/04/2011
Project: PhD

Revolutionerenende forbedring af støbeprocessen gennem udvikling af sværté baseret på Sol-Gel coating
Tiedje, N. S. & Kørës, A.
01/01/2008 → 31/12/2010
Project

Systematic Design of Miniaturized Devices for Energy Transfer
Aage, N., Sigmund, O., Breinbjerg, O., Mortensen, N. A., Stolpe, M., Diaz, A. R. & Kawamoto, A.
01/01/2008 → 31/08/2011
Project: PhD

Effects of oral salmon calcitonin in animal models of osteoarthritis - assessments of cartilage, bone and pain
Nielsen, R. H., Ambat, R., Karsdal, M. A., Lee, S., Azria, M. & Hauge, E.
01/12/2007 → 21/12/2011
Project: PhD
Computational Nanofluidics. Multiscale Simulations of Flow in Nanochannels
Zambrano Rodriguez, H. A., Walther, J. H., Hassager, O., Hansen, J. S. & Quirke, N.
01/11/2007 → 23/05/2012
Project: PhD

Integrated Modeling of Process, Structures and Performance in Cast Parts
Kotas, P., Hattel, J. H., Tiedje, N. S., Huff, R. K. & Schneider, M. C.
15/10/2007 → 01/06/2011
Project: PhD

En komplet hydro- og morfodynamisk beskrivelse af revleudvikling
Jacobsen, N. G., Fredsøe, J., Deigaard, R., Fuhrman, D. R., Hjelmager Jensen, J., Sumer, B. M., Christensen, E. D.,
Foster, D. & Roelvink, J. A.
01/10/2007 → 29/06/2011
Project: PhD

Laser Induce Selective Activation For Subsequent Autocatalytic Electroless Plating
01/10/2007 → 02/02/2011
Project: PhD

Optimal Design of Smart Composite Structures
Blasques, J. P. A. A., Stolpe, M., Berggreen, C., Branner, K., Buhl, T., Duysinx, P. & Lund, E.
01/10/2007 → 30/11/2011
Project: PhD

Application of DME in Direct Injection Internal Combustion Engines
01/09/2007 → 24/04/2013
Project: PhD

Computational Nanofluidics Multiscale Simulations of Flow in Nanochannels
Walther, J. H.
01/09/2007 → 31/10/2010
Project

Optimal Design of Smart Composite Structures
Blasques, J. P. A. A., Stolpe, M., Berggreen, C., Branner, K., Buhl, T., Duysinx, P. & Lund, E.
01/10/2007 → 31/11/2011
Project: PhD

Application of DME in Direct Injection Internal Combustion Engines
01/09/2007 → 24/04/2013
Project: PhD

Computational Nanofluidics Multiscale Simulations of Flow in Nanochannels
Walther, J. H.
01/09/2007 → 31/10/2010
Project

Energy efficient and environmentally friendly cooling using magnetic refrigeration: Modelling of active magnetic
regenerators for magnetic refrigeration at room temperature
Hattel, J. H.
01/09/2007 → 31/08/2010
Project

High-Efficiency Ship Propellers
01/09/2007 → 06/04/2011
Project: PhD

Modeling of Active Magnetic Regenerators for Magnetic Refrigeration at Room Temperature
01/09/2007 → 21/12/2010
Project: PhD

Modelling of Solidification and Interdiffusion in Lead Free Solder Materials
Nachiapavan, V. C., Hattel, J. H., Hald, J., Kodentsov, A., Fredriksson, H. & Leisner, P.
01/09/2007 → 29/09/2010
**Onboard Decision Support Systems for Optimal Operation**
Lajic, Z., Nielsen, U. D., Jensen, J. J., Pedersen, P. T., Petersen, J. B. & Sørensen, A. J.
01/09/2007 → 02/02/2011
Project: PhD

**Universal and Flexible 3D Coordinate Metrology for Micro and Nano Components Production**
01/09/2007 → 02/02/2011
Project: PhD

**Factors affecting Coriolis flowmeter accuracy and precision**
Enz, S., Thomsen, J. J., Davidson, L., Møller, P., Jensen, J. S., Benra, F. & Sorokin, S. V.
01/08/2007 → 10/11/2010
Project: PhD

**Factors Affecting Coriolis Flowmeter Accuracy and Stability**
Dahl, J., Thomsen, J. J. & Paidoussis, M. P.
01/08/2007 → 31/03/2008
Project: PhD

**Surface Embedded Metal Oxide Sensors (SEMOS)**
01/08/2007 → 06/04/2011
Project: PhD

**Nanotribology**
Hansen, H. N., Tosello, G., De Grave, A. & Sivebæk, I. M.
01/07/2007 → 30/11/2009
Project

**Energirigtig renovering af større bygninger : fokus på installationer og energiforsyning**
Mikkelsen, S. E., Svendsen, S., Tommerup, H. M., Olesen, B. W. & Elshauge, K.
01/06/2007 → 31/12/2009
Project

**Design af fremtidens energianlæg**
Clausen, L. R., Elmegaard, B., Houbak, N., Jensen, P. A., Nielsen, P. E. H. & Larson, E. D.
15/05/2007 → 28/09/2011
Project: PhD

**Design of metamaterials**
Bendsøe, M. P., Sigmund, O. & Diaz, A. R.
01/05/2007 → 31/12/2007
Project

**Investigation of Electronic Corrosion Mechanisms**
01/04/2007 → 29/09/2010
Project: PhD

**Verificering af modeller for 2-takts dieselmotorer**
Christiansen, C. A., Schramm, J., Elmegaard, B., Czerwinski, J. & Norman, T.
01/04/2007 → 31/01/2013
Project: PhD
Heat Transfer in Large Two-Stroke Marine Diesel Engines
Jensen, M. V., Walther, J. H., Schramm, J., Sørensen, J. N., Davidson, L. & Rosendahl, L.
01/03/2007 → 04/04/2013
Project: PhD

High Precision Characterization of Active Oil Film Forces
Haugaard, M. A., Klit, P., Santos, I., Starke, J., Braun, M. J. & Lehtovaara, A.
01/03/2007 → 11/05/2011
Project: PhD

Resistance Welding of Micro-Components of Complex Geometries and Material Combinations
Friis, K. S., Bay, N. O., Somers, M. A. J., Panteleon, K., Klæstrup Kristensen, J. & Link, N. J.
01/03/2007 → 29/09/2010
Project: PhD

Vessel Performance Control
01/03/2007 → 19/03/2015
Project: PhD

Design and Optimization of an Integrated Biomass Gasification and Solid Oxide Fuel Cell System
Bang-Møller, C., Rokni, M., Elmegaard, B., Henriksen, U. B., Hendriksen, P. V., Nielsen, M. P. & Sundén, B.
01/02/2007 → 29/09/2010
Project: PhD

Modellering af skadeudvikling og brud i svejsninger
01/01/2007 → 14/04/2010
Project: PhD

Modellering og beregning af vindmøllegear - Teori og eksperimentel validering
Pedersen, R., Santos, I., Hohle, A. C., Klit, P., Angeles, J. & Mahfoud, J.
01/01/2007 → 09/06/2010
Project: PhD

Teaching, Studying and Learning : Undersøgæse af effekter og konsekvense af intensiv og aktiverende undervisning
Christensen, H. P., Vigild, M. E., Horsewell, A., Thomsen, E. V. & Szabo, P.
01/01/2007 → 31/03/2009
Project

Multiphase Flow Evaluation
Kjærgaard-Rasmussen, J., Meyer, K. E., Hallundbæk, J., Knudsen, K., Meyer, S. & Vauhkonen, M.
01/11/2006 → 30/09/2010
Project: PhD

Optimering af formalingsteknologi i cementindustrien
Jensen, L. R. D., Møller, P., Brockhoff, P. B., Friis, H., Jespersen, M., Nielsen, L. P., Johnsen, R. & Sandvik, K. L.
01/10/2006 → 20/01/2010
Project: PhD

Stressforebygelse i videnarbejdet : - mellem begejstring og belastning
01/10/2006 → 31/12/2009
Project
Two Stroke Diesel Engines for Large Ship Propulsion
Haider, S., Meyer, K. E., Schramm, J., Sørensen, J. N., Revstedt, J. & Rosendahl, L.
01/10/2006 → 29/06/2011
Project: PhD

Unconventional prime movers for large ships
Haglind, F. & Carlsen, H.
01/10/2006 → 30/09/2010
Project

Værktøjsteknologier til massefremstillilng af metalliske komponenter
Eriksen, R. S., Hansen, H. N., Arentoft, M., Bissacco, G., Bay, N. O., Engel, U. & Grønbæk, J.
01/10/2006 → 29/09/2010
Project: PhD

Advanced Anodising Technology (Avanceret Anodiserings Teknologi)
01/09/2006 → 06/01/2010
Project: PhD

Alloy development for overlay welding in waste incineration plants
Tiedje, N. S.
01/09/2006 → 31/08/2009
Project

Feasibility of Applying Active Lubrication Techniques to Internal Combustion Engines
01/09/2006 → 14/04/2010
Project: PhD

Propulsion of Ships in Waves
01/09/2006 → 02/12/2009
Project: PhD

Efficient solutions to the exact Laplace problem for nonlinear water waves
Engsig-Karup, A. P. & Bingham, H. B.
01/08/2006 → 15/08/2008
Project

Kinetics of Metal Dusting Corrosion of Fe-Ni-Cr(-Al) alloys
Hummelshøj, T. S., Somers, M. A. J., Appel, C. C., Christiansen, T. L., Pantleon, K., Grong, Ø. & Szakálos, P. K. M.
01/08/2006 → 09/08/2010
Project: PhD

Second International Symposium on Bifurcations and Instabilities in Fluid Dynamics
Brøns, M. & Sørensen, J. N.
01/08/2006 → 31/03/2007
Project

Thermomechanical Modelling and Optimization of Dynamic Process Conditions in Friction Stir Welding
01/07/2006 → 06/01/2010
Project: PhD
Numerical Procedures for Non-Linear Dynamics of Structures and Machinery
Risvig, S. & Krenk, S.
15/06/2006 → 01/08/2006
Project: PhD

Analyse og optimering af energisystemer baseret på en kombination af termodynamiske og fluidmekaniske beregningemetoder
Markussen, W. B., Elmegaard, B., Carlsten, H., Hansen, M. O. L., Jakobsen, A., Sørensen, J. N., Palm, B. & Thybo, C.
01/06/2006 → 29/09/2010
Project: PhD

Homogeneous Charge Compression Ignition Engines
01/06/2006 → 11/05/2011
Project: PhD

Wind Profiles above Forests
Bingöl, F., Sørensen, J. N., Mann, J., Mikkelsen, T. K., Chaviaropoulos, P. K. & Harris, M.
01/06/2006 → 24/03/2010
Project: PhD

Fuldskala demonstration af termoaktive konstruktioner : Fase 3: Demonstration, evaluering og formidling
Hummelshøj, R. M., Passov, F., Weitzmann, P. & Olesen, B. W.
01/03/2006 → 31/12/2008
Project

High temperature solder for MEMS packaging
01/02/2006 → 02/09/2009
Project: PhD

Topology Optimization of Surface Acoustic Wave Devises
Dühring, M. B., Sigmund, O., Jensen, J. S., Hansen, O., Maute, K. & Willatzen, M.
01/02/2006 → 21/10/2009
Project: PhD

Innovationsnetværk vedrørende integrerede lavenergiløsninger på bygningsområdet
Svendsen, S., Tommerup, H. M., Aggerholm, S., Olesen, B. W. & Heiselberg, P.
01/01/2006 → 30/06/2010
Project

Innovative Joining Processes Applying Integrated Modelling
Hattel, J. H., Bøh, N. O., Sommers, M. A. J., Bendsøe, M. P. & Tvergaard, V.
01/01/2006 → 31/12/2009
Project

Quality and values in the job
Jørgensen, M. S., Bilfeldt, A. & Meyer-Johansen, H.
01/01/2006 → 31/12/2008
Project

3D Modelling of Laminar-Turbulent Transition on Wind Trubine Blades
Martinez Hernandez, G. G., Sørensen, J. N., Shen, W. Z., Sørensen, N. N., Matsubara, M. & Olesen, N. A.
01/12/2005 → 09/11/2011
Project: PhD
Simulation and Control of Wind Turbine Flows using Vortex Generators
Velte, C. M., Hansen, M. O. L., George, W. K., Meyer, K. E., Larsen, P. S., Buchhave, P. & Stanislas, M.
01/12/2005 → 04/11/2009
Project: PhD

Theoretical Nano Scale Polymer Processing
Román Marín, J. M., Rasmussen, H. K., Hassager, O., Szabo, P., Eriksson, T. G. & Harlen, O. G.
01/11/2005 → 21/10/2009
Project: PhD

Center for metalliske mikroprodukter
Hansen, H. N., Bay, N. O. & Eriksen, R. S.
01/10/2005 → 30/09/2010
Project

Interaction between Seabed and Scour Protection
Dixen, M., Sumer, B. M., Fredsøe, J., Cheng, L. & Foster, D.
01/09/2005 → 06/03/2009
Project: PhD

Rapid Prototyping by Asymmetric Single Point Incremental Forming of Sheet Metal
Skjødt, M., Bay, N. O., Lenau, T. A., Hattel, J. H., Bariani, P. F. & Danckert, J.
01/09/2005 → 19/12/2008
Project: PhD

Research in System Deliveries within Construction
Hvam, L., Tølle, M. & Thomassen, M.
01/09/2005 → 01/03/2006
Project

Udvikling og afprøvning af motorkoncept optimeret til motordrift på forgasningsgas
Ahrenfeldt, J. & Henriksen, U. B.
01/09/2005 → 30/08/2008
Project

Antifouling surfaces
Chiang, W., Møller, P., Hilbert, L. R., Tolker-Nielsen, T., Ambat, R., Bjarnsholt, T. & Leisner, P.
01/08/2005 → 06/01/2010
Project: PhD

Manufacturing Imperfections in FRP Structures and their Influence on Buckling Behaviour
01/08/2005 → 31/07/2006
Project: PhD

SPACES-workshops: cipu
McAloone, T. C.
28/06/2005 → 01/07/2008
Project

Structural Analysis of Wind Turbines
Jensen, J. F. & Krenk, S.
01/05/2005 → 10/11/2006
Project: PhD
Estimering og forbedring af skades tolerance for komposit materialer
15/03/2005 → 06/03/2009
Project: PhD

Micro insert moulding
01/03/2005 → 29/08/2008
Project: PhD

Polymere udsat for store deformationer
Lindgreen, B., Tvergaard, V., Richelsen, A. B., 25_NN_Studenter/Øvrige medarb. & Jensen, H. M.
01/03/2005 → 04/07/2008
Project: PhD

Two component micro injection moulding for moulded interconnect devices
01/03/2005 → 04/07/2008
Project: PhD

Measures to Reduce Oil Spill in Tanker Collisions
15/02/2005 → 09/03/2007
Project: PhD

Numerical Simulation of Wakes of Wind Turbines in Wind Farms
Troldborg, N., Sørensen, J. N., Mikkelsen, R. F., Hansen, M. O. L., Madsen, J. I. & Masson, C.
01/02/2005 → 12/01/2009
Project: PhD

Thermal and Indoor Air Quality Effects on Physiological Responses, Perception and Performance of Tropically Acclimatized People
Willem, H. C., Olesen, B. W. & Wargocki, P.
01/02/2005 → 27/12/2006
Project: PhD

Safety at Sea
Friis-Hansen, P. & Andersen, P.
10/01/2005 → 31/12/2007
Project

Simulation and control of Wind Turbine flows using Vortex Generators
Hansen, M. O. L. & Sørensen, J. N.
01/01/2005 → 31/12/2007
Project

STVF - Offshore wind power
Sørensen, J. N.
01/01/2005 → 31/12/2007
Project

Anvendelse af AIS data til vurdering af sejsikkerhed
Friis-Hansen, P. & Andersen, P.
17/12/2004 → 31/01/2005
Project
Findings and Literature regarding indoor Air Quality
Olesen, B. W.
12/12/2004 → 31/01/2005
Project

Cantion A/S
Kjær, C., Christensen, T. B. & Hein, L.
01/12/2004 → 31/12/2005
Project

Noise from Wind Turbines due to Inflow Turbulence
01/12/2004 → 27/01/2010
Project: PhD

Analyse af revner i store diselmotorer
Lucht, T., Tvergaard, V., Brøndsted, P., Jensen, S. H., Niordson, C. F., Maier, G. & Redanz, P.
01/10/2004 → 11/04/2008
Project: PhD

Building a Fast Time Numerical Navigator for Assessing Collision and Grounding Frequencies in a Given Navigational Area
Søborg, A. V., Friis-Hansen, P. & Blanke, M.
01/10/2004 → 31/05/2006
Project: PhD

Magnetisk køling
01/10/2004 → 06/02/2008
Project: PhD

Topographic optimization of photonic crystals and application to ultra-small and ultra-fast optical signal processing devices
Asakawa, K., Sugimoto, Y., Watanabe, Y., Nakamura, S., Ishikawa, H., Awazu, K., Watanabe, A., Kristensen, M., Borel, P. I., Sigmund, O. & Baets, R.
01/10/2004 → 30/09/2006
Project

ALLHOME – A study on the Relation between Allergy/Asthma and Indoor Air Quality in Homes in Bulgaria
Melikov, A. K.
Project

Alternative Additiver
Henriksen, U. B. & Carlsen, H.
01/09/2004 → 31/12/2006
Project

GreenFuelCell
Carlsen, H. & Carlsen, H.
01/09/2004 → 31/08/2007
Project

In-process kvalitetskontrol og måling af mikrokomponenter
01/09/2004 → 13/05/2008
Project
Project: PhD

Modelling of heat and emissions from diesel exhaust of multicomponent fuel in diesel engines
01/08/2004 → 06/01/2010
Project: PhD

Multi-sensor for indoor environment control (MUSIC)
Olesen, B. W.
01/07/2004 → 31/12/2004
Project

Stirling motor, process- and component improvements
Carlsen, H.
30/06/2004 → 28/06/2005
Project

Indoor Environmental Quality in the office-space
Olesen, B. W.
18/06/2004 → 31/10/2004
Project

DCAMM
Zhu, W. J., Shen, W. Z., Sørensen, J. N., Sørensen, N. N., Ekaterianris, I. A. & Thomsen, P. G.
01/06/2004 → 07/03/2008
Project: PhD

Indpasing af totrinsforgasser i et energisystem
Henriksen, U. B. & Carlsen, H.
25/05/2004 → 31/12/2006
Project

BIOCELLUS
Henriksen, U. B. & Carlsen, H.
30/04/2004 → 31/12/2006
Project

Brudmekanisme i kompositematerialer - effekt af fiber/matrix grænsefladens mekaniske egenskaber
Østergaard, R. C., Tvergaard, V., Mikkelsen, L. P., Sørensen, B. F., Niordson, C. F., Jensen, H. M. & Østlund, S.
15/04/2004 → 11/04/2008
Project: PhD

Dynamic Heat Storage - DSM
Bøhm, B. & Carlsen, H.
01/04/2004 → 01/03/2005
Project

Thermonet EU
Henriksen, U. B. & Carlsen, H.
01/04/2004 → 31/12/2005
Project

Assessment of Thermal Environment in Aircraft Cabin
Melikov, A. K.
01/03/2004 → 30/11/2004
Project
Indoor Environmental Effects on Performance of School Work by Children
Wyon, D. P. & Sørensen, J. N.
01/03/2004 → 31/08/2005
Project

Pyrotar
Henriksen, U. B. & Carlsen, H.
01/03/2004 → 31/12/2006
Project

Ventilation
Langkilde, G. & Clausen, G.
01/03/2004 → 28/02/2007
Project

Experimental Contribution to the Problem of Model Parameter Identification in Rotating Machines via Active Magnetic Bearings
Kjelhede, K. K., Santos, I., Braun, M. J., Blanke, M. & Dmochowski, W. M.
01/02/2004 → 11/04/2008
Project: PhD

Kontrolleret vindmølle dynamik
Kallesøe, B. S., Thomsen, J. J., Hansen, M. H., Krenk, S., Chaviaropoulos, P. K. & Langthjem, M. A.
01/02/2004 → 15/08/2007
Project: PhD

Luftkvalitet og luftskifte for sunde boliger
Strøm-Tejsen, P., Wargocki, P., Olesen, B. W., Spengler, J. D., Holm, A. & Melikov, A. K.
01/02/2004 → 14/11/2007
Project: PhD

Marstruct
Jensen, J. J. & Andersen, P.
01/02/2004 → 28/02/2008
Project

Methods for Measurements of Ventilation in Homes, and Ventilation Requirements for Healthy Indoor Home Environments
01/02/2004 → 15/08/2007
Project: PhD

Dynamisk wakemodel til detaljeret aeroelastisk simulerling af møller i parker
Okulov, V. & Sørensen, J. N.
01/01/2004 → 31/12/2006
Project

Modellering af statiske og transiente fænomener i en termostatisk ekspansionsventil anvendt i et kølekradsbøl
01/01/2004 → 07/11/2007
Project: PhD

Prediction and Reduction of Noise from Wind Turbines
Sørensen, J. N.
01/01/2004 → 31/12/2007
Project
Program for forskning i anvendt aeroelasticitet
Sørensen, J. N.
01/01/2004 → 31/12/2004
Project

Smøring af stempelringe i store 2- og 4-takts dieselmotorer
Fellet, C. L., Kilt, P., Vølund, A., Thomsen, P. G., Eilts, P. & Fillon, M.
01/01/2004 → 31/08/2007
Project: PhD

Størrelsesseffekter i krystalplasticitet
01/01/2004 → 18/06/2007
Project: PhD

Topological design optimization of structures, machines and materials : IUTAM-SYMPOSIUM
Bendsøe, M. P., Sigmund, O. & Olofsson, N.
01/01/2004 → 31/12/2005
Project

Modellering af materialetflow i termomekaniske materialeprocesser
Gjesing, R., Hattel, J. H., Hansen, P. N., Fritsching, U. W. & Pryds, N.
15/11/2003 → 07/03/2008
Project: PhD

PIV målinger i GCT skalamodel
Meyer, K. E. & Sørensen, J. N.
15/11/2003 → 31/08/2004
Project

Large-Eddy Simulation of atmospheric flow over complex terrain
Bechmann, A., Sørensen, J. N., Johansen, J., Mann, J., Sørensen, N. N., Bingham, H. B., Fuchs, L. & Gryning, S.
01/10/2003 → 15/08/2007
Project: PhD

Optimering af biomasse forgasningskoncept til effektiv storskala elfremstilling
01/10/2003 → 08/11/2007
Project: PhD

Promoting and Assisting Engineering Design Education in China
Hein, L.
01/10/2003 → 30/09/2006
Project

Indspregningsforhold i store dieselmotorer
Project: PhD

Modeling plasticity at the micron scale
Tvergaard, V.
01/09/2003 → 31/12/2006
Project
A Multidomain Spectral Method for Nonlinear Water Waves
Engsig-Karup, A. P., Madsen, P. A., Bingham, H. B., Thomsen, P. G. & Grue, J.
01/08/2003 → 02/01/2007
Project: PhD

Forsøg med energirigtige stikledninger
Bøhm, B. & Carlsen, H.
01/08/2003 → 31/12/2004
Project

Structural Control and Passive Damping Mechanisms
Rüdinger, F. & Andersen, P.
01/08/2003 → 31/07/2005
Project

Tilting-Pad Thrust Bearings under Elasto-Thermo-Hydride Lubrication - Theory, Experiment and Indus trial Application
Heinrichson, N., Santos, I., Egusquiza, E., Arghir, M. & Thomsen, K. K.
01/08/2003 → 29/09/2007
Project: PhD

Human Perception, SBS Symptoms and Performance of Office Work during Exposure to Air Polluted by Building Materials ans Personal Computers
Bako Biro, Z., Fanger, P. O., Wargocki, P., Seppänen, O. & Sundell, J.
01/07/2003 → 29/10/2004
Project: PhD

Udvikling og kommercialisering af Maritime beslutningssystemer
Baatrup, J. & Andersen, P.
01/06/2003 → 07/06/2004
Project

Optimal Seat Control Algorithm
Melikov, A. K.
01/05/2003 → 30/11/2005
Project

Evaluation Prästmarken, Wäxjö
Bøhm, B. & Carlsen, H.
30/04/2003 → 30/04/2004
Project

DeSiK Design af Indirekte Køleanlæg
Knudsen, H. H. & Carlsen, H.
01/04/2003 → 31/03/2005
Project

Langtidsundersøgelser af totrinsforgasser
Henriksen, U. B. & Carlsen, H.
01/04/2003 → 30/06/2005
Project

Stirling K Plus
Carlsen, H.
01/04/2003 → 31/03/2005
Project
MOBE
Houbak, N. & Carlsen, H.
24/02/2003 → 30/09/2006
Project

Kokspartiklers nedbrydning under termisk omsætning
Hindsgaul, C., Qvale, E. B., Henriksen, U. B., Jensen, A. D., Johnsson, J. E., Hustad, J. E. & Teislev, B. I. B.
15/02/2003 → 09/03/2007
Project: PhD

Aeroakustisk modellering af støjudbredelse fra vindmøllevejinger
Heilskov, N. F. & Sørensen, J. N.
01/02/2003 → 28/05/2008
Project: PhD

Biostøvning
Henriksen, U. B. & Carlsen, H.
01/02/2003 → 31/12/2004
Project

LES-beregninger for industrielle strømninger
Cavar, D., Meyer, K. E., Davidson, L., Bingham, H. B. & Sørensen, N. N.
01/02/2003 → 16/04/2007
Project: PhD

Teri technology development India
Henriksen, U. B. & Carlsen, H.
01/02/2003 → 31/07/2004
Project

EFP-2002 Aeroelastisk integreret vindmøllestyring
Øye, S. & Sørensen, J. N.
01/01/2003 → 31/12/2004
Project

Fonon
Sigmund, O. & Tvergaard, V.
01/01/2003 → 31/12/2005
Project

Indoor Particles
Tamás, G., Fanger, P. O., Toftum, J., Weschner, C. J., D'Angelo, G. & Olesen, B. W.
01/01/2003 → 30/06/2006
Project: PhD

Metal Release by Corrosion and Wear in the Food Industry
01/01/2003 → 01/01/2007
Project

EFP - 2002, Vind
Sørensen, J. N.
10/12/2002 → 31/12/2002
Project
SPACES
Jørgensen, U., Clausen, C., Broberg, O., Jørgensen, M. S., Yoshinaka, Y., Lindegaard, H., Lenau, T. A. & McAloone, T. C.
01/12/2002 → 01/12/2007
Project

Boeing
Wyon, D. P. & Clausen, G.
21/11/2002 → 28/10/2005
Project

Ship Propeller Cavitation
Boudant, P. & Andersen, P.
15/10/2002 → 28/02/2003
Project: PhD

EXAUSTO
Fanger, P. O. & Clausen, G.
04/10/2002 → 31/10/2004
Project

Pulverforbrænding til Stirlingmotor
Carlsen, H.
19/09/2002 → 31/12/2004
Project

Human response to Personalized Ventilation
Melikov, A. K.
01/09/2002 → 30/11/2005
Project

Comfort requirements for heat flow to/from vehicle seats
Fanger, P. O. & Clausen, G.
01/09/2002 → 31/12/2002
Project

Modelling of Dampers and Damping in structures
01/09/2002 → 22/05/2006
Project: PhD

Numerisk simulering af cykliske termodynamiske processer
Andersen, S. K., Carlsen, H., Thomsen, P. G., Houbak, N., Skelboe, S. & Thomas, B.
01/09/2002 → 08/09/2006
Project: PhD

Experimental Investigation of Turbulence Structures in Wave Boundary Layers
01/08/2002 → 30/06/2006
Project: PhD

Compostie/Hybrid modelling in coastal and ocean engineering
01/07/2002 → 31/03/2006
Project: PhD
**Leading Edge**  
Andersen, P.  
01/07/2002 → 31/08/2005  
Project

**Sensation of “Dryness” humidity of air, comfort and health**  
01/07/2002 → 02/02/2006  
Project: PhD

**Grant and Equipment Loan Agreement**  
Fanger, P. O. & Clausen, G.  
30/06/2002 → 09/10/2002  
Project

**Videncentret for termisk forgasning og slutkonvertering af biomasse til el og varme**  
Carlsen, H. & Carstensen, S.  
22/04/2002 → …  
Project

**Hydroelastic Response of Ships**  
01/03/2002 → 28/09/2005  
Project: PhD

**Monitorering og beslutningsstøtte for skibes sødygtighed**  
01/03/2002 → 28/09/2005  
Project: PhD

**Strength of Composite Structures in Compression**  
Rasmussen, J., Cerup-Simonsen, B. & Pedersen, P. T.  
01/03/2002 → 01/10/2003  
Project: PhD

**En 3D Vindsimulator til bestemmelse af ekstremaster og udmattelseslaster**  
Hansen, K. S. & Sørensen, J. N.  
14/01/2002 → 31/12/2002  
Project

**KNOW-BLADE**  
Hansen, M. O. L. & Sørensen, J. N.  
07/01/2002 → 30/11/2004  
Project

**AFFORHD**  
Sørenson, S. C. & Carlsen, H.  
01/01/2002 → 01/01/2005  
Project

**SYNOPSIS : Udredningsarbejde vedrørende et rammesystem for Integreret Innovation i Produkt-, System- og Serviceudvikling**  
01/01/2002 → 31/12/2004  
Project
MEXICO
Sørensen, J. N.
21/12/2001 → 31/12/2003
Project

Smart indpakning af fiber lasere
Voxen, L. H., Sigmund, O., Pedersen, J. E., Poulsen, C., Thomsen, J. J., Santos, I., Hald, J. & Tinnsten, M.
01/12/2001 → 18/05/2005
Project: PhD

Program for forskning i aeroelasticitet 2001-2002
Sørensen, J. N.
23/10/2001 → 31/12/2003
Project

Design and Implementation of Automatic Command in High Efficiency Tractors for Agricultural Applications
Christensen, R. H., Santos, I., Klit, P., Blanke, M., Keogh, P. S. & Nordmann, R.
01/09/2001 → 11/02/2005
Project: PhD

Simulation and Analysis of Roller Chain Drive Systems
01/09/2001 → 23/03/2005
Project: PhD

Design Strategies for Personalized Ventilation Systems
Cermak, R., Melikov, A. K., Nielsen, P. V., Kato, S. & Olesen, B. W.
01/08/2001 → 20/10/2004
Project: PhD

Motordrift på forgasningsgas
01/07/2001 → 06/02/2008
Project: PhD

Numerical techniques for solving Boussinesq equations for fully nonlinear and extremely dispersive water waves
01/06/2001 → 27/10/2004
Project: PhD

S@S Safety at Speed
Jensen, J. J. & Andersen, P.
14/05/2001 → 14/05/2004
Project

LIMAS
Sumer, B. M. & Fredsøe, J.
07/05/2001 → 29/06/2004
Project

Modellering af modstrømsforgasser EFP 2001
Henriksen, U. B. & Carlsten, H.
07/05/2001 → 31/12/2003
Project
Modellering af trinopdelt forgasning EFP-2001
Henriksen, U. B. & Carlsen, H.
07/05/2001 → 31/12/2004
Project

Comfort Monitoring System for High Speed Passenger Ferries
Folsø, R., Jensen, J. J., Baatrup, J., Birmingham, R. & Petersen, J. B.
01/05/2001 → 01/11/2004
Project: PhD

Belastningsudjævning og driftsoptimering FJV
Bøhm, B. & Carlsen, H.
22/04/2001 → 31/12/2004
Project

Damblade
Hansen, M. O. L. & Sørensen, J. N.
06/04/2001 → 31/03/2004
Project

Aerodynamisk modellering af vindmøllevinge
Reck, M., Hansen, M. O. L., Michelsen, J., Sørensen, J. N., Thomsen, P. G., Fuchs, L. & Sørensen, N. N.
01/04/2001 → 28/09/2005
Project: PhD

Application of conditional waves as critical episodes for extreme loads on marine structures
Dietz, J. S., Friis-Hansen, P., Jensen, J. J., Pedersen, P. T., Moan, T. & Torhaug, R.
01/04/2001 → 21/01/2005
Project: PhD

DELOS
Fredsøe, J.
02/03/2001 → 31/03/2004
Project

HUMOR
Deigaard, R. & Fredsøe, J.
02/03/2001 → 31/03/2004
Project

Indflydelse af anisotropi plasticitet på brudmekanik
Legarth, B. N., Tvergaard, V., Krenk, S., Jensen, H. M. & Lemaitre, J.
01/02/2001 → 05/07/2004
Project: PhD

Micro Total Analysis Systems
Sørensen, J. N.
08/01/2001 → 01/08/2005
Project

Syntese af produktarkitekturer
01/01/2001 → 08/11/2006
Project: PhD
SYNOPSIS
Jørgensen, U., Clausen, C., Yoshinaka, Y. & McAloone, T. C.
01/12/2000 → 01/06/2006
Project

Small-scale chp plant on a hermitic four cylinder Stirling engine for biomass fuels
Carlsen, H.
13/10/2000 → 31/12/2004
Project

Strukturel design af vægtkritiske konstruktioner
01/09/2000 → 21/01/2005
Project: PhD

Strømning i industrielle procesanlæg
15/08/2000 → 12/02/2004
Project: PhD

Air Pollutant Emissions from Rail and Ship Trnasport
01/08/2000 → 26/02/2004
Project: PhD

Implementering af en procesmodel til identifikation, styring og simulering af lysbuesvejseprocessen ved anvendelse af kunstig intelligens
Christensen, K. H., Sørensen, T., Klaestrup Kristensen, J., Holm, H., Bro, C. & Lucas, W.
01/08/2000 → 26/02/2004
Project: PhD

Personalized ventilation
Kaczmarczyk, J., Melikov, A. K., Fanger, P. O., Holmér, I. & Toftum, J.
01/08/2000 → 21/10/2003
Project: PhD

Effect of Anisotropic Plasticity on Frac
Tvergaard, V.
28/07/2000 → 31/12/2004
Project

MONITUS
Jensen, J. J. & Andersen, P.
10/07/2000 → 28/02/2005
Project

Limiting Criteria for Human Exposure to Low Humidity
Fanger, P. O. & Clausen, G.
18/05/2000 → 31/12/2003
Project

Crashcoaster
Pedersen, P. T. & Andersen, P.
01/05/2000 → 01/05/2004
Project
Flow Boiling of Pure and Oil Contaminated Carbon Dioxide as Refrigerant With focus on heat transfer and pressure drop
Mohamed Hassan, M. A., Knudsen, H. H., Paul, J., Radwan, M. S. & Rasmussen, B. D.
01/05/2000 → 02/02/2004
Project: PhD

Measurement and modelling of stress distributions and failure in finite structures
Jensen, H. M., Somers, M. A. J. & Horsewell, A.
01/05/2000 → 01/01/9999
Project

Design of crashworthy ship structures
Toernqvist, R., Pedersen, P. T., Cerup-Simonsen, B., Jensen, J. J., Atkins, T. & Langseth, M.
15/03/2000 → 23/10/2003
Project: PhD

HARDER
Jensen, J. J. & Andersen, P.
07/03/2000 → 31/09/2003
Project

Stor-skala kystmorfológisk modellering
Petersen, D. P., Deigaard, R. & Fredsøe, J.
01/03/2000 → 31/12/2002
Project: PhD

Kyst- og tidevandsløb
Deigaard, R. & Fredsøe, J.
11/02/2000 → 01/12/2005
Project

Måling af turbulens og strømningsstrukturer med PIV
01/02/2000 → 27/06/2003
Project: PhD

Smøring og slid ved anvendelse af dimetylæter (DME) i dieselmotorer
01/02/2000 → 02/12/2003
Project: PhD

ARTEMIS
Sorenson, S. C. & Carlsen, H.
28/01/2000 → 31/03/2005
Project

Identifikation ved dybtrækning
Dornonville de la Cour, D., Pedersen, P., Olhoff, N., Nielsen, K. B. & Ottosen, N. S.
01/01/2000 → 20/01/2004
Project: PhD

Product/service-systems
McAloone, T. C., Andreasen, M. M., Tan, A. R., Matzen, D. & Bey, N.
01/01/2000 → 01/01/2014
Project
Probabilistic Concept for Assessing the Damage Stability of Ships
Ravn, E. S., Jensen, J. J., Baatrup, J., Kristensen, H. O. H. & Papanikolaou, A. D.
01/12/1999 → 15/10/2003
Project: PhD

Vinddatabase
Hansen, K. S. & Sørensen, J. N.
26/11/1999 → …
Project

Damping generated by local pulse like energy dissipation
Lazarov, B. S., Ditlevsen, O. D., Friis-Hansen, P., Lindgren, G. & Næss, A.
15/11/1999 → 27/06/2003
Project: PhD

Fluid morfologi
01/10/1999 → 26/03/2004
Project: PhD

Matematisk/numerisk modellering af uregelmæssige ikke-lineære vandbølger
01/10/1999 → 28/03/2003
Project: PhD

Ikke-lokal modellering af materialer
Niordson, C. F., Tvergaard, V., Jensen, H. M., Fleck, N. A. & Sørensen, N. J.
01/09/1999 → 14/01/2003
Project: PhD

Modellering og regulering af fordampere
01/09/1999 → 15/10/2003
Project: PhD

Numerical modelling of scour protection layer
Truelsen, C., Sumer, B. M., Fredsøe, J., Brørs, B. & Whitehouse, R. J. S.
01/09/1999 → 10/04/2003
Project: PhD

Topology optimization of non-linear compliant systems
Buhl, T., Pedersen, P., Sigmund, O., Olhoff, N., Bestle, D. & Bletzinger, K.
01/09/1999 → 18/02/2003
Project: PhD

Development and design of pressure control valves for oil hydraulic systems.
Conrad, F. & Stecki, J.
01/08/1999 → 31/12/2001
Project

Incompressible Boundary Layer Instability and Transition
Hjort, S., Sørensen, J. N., Michelsen, J., Thomsen, P. G., Henningsson, D. & Sørensen, N. N.
01/07/1999 → 15/09/2004
Project: PhD
Topology Optimization of Non-linear Structures
01/07/1999 → 18/11/2002
Project: PhD

Bestemmelse af bøgø overskylninger på skibe
Nielsen, K. B., Jensen, J. J., Andersen, P., Mayer, S., Sørensen, J. N., Buchner, B. & Christensen, E. D.
01/06/1999 → 21/10/2003
Project: PhD

Computational Hydrodynamics / rammeprøgram
Madsen, P. A. & Cerup-Simonsen, B.
26/04/1999 → 31/12/2006
Project

FREJA materialemodeller
Richelsen, A. B. & Tvergaard, V.
20/04/1999 → 31/12/2004
Project

Minimering af friktionstab i 2-takt skibsdieselmotor
01/04/1999 → …
Project: PhD

Computational Hydrodynamics
Fredsøe, J.
11/03/1999 → 31/12/2006
Project

Model af traditionel medstrømsforgasser
Henriksen, U. B. & Carlsen, H.
02/02/1999 → 31/12/2002
Project

Rational design of light-weight structures for accidental loads
Urban, J., Cerup-Simonsen, B., Pedersen, P. T., Jensen, J. J., Abramowicz, W. & Amdahl, J.
01/02/1999 → 16/07/2003
Project: PhD

Wave boundary layer over a porous bed
Buxbom, I. P., Sumer, B. M., Christensen, E. D., Fredsøe, J., Hansen, M. O. L., Davies, A. & Myrhaug, D.
01/02/1999 → 02/12/2003
Project: PhD

Strømning og erosion omkring moler
Gislason, K., Fredsøe, J., Sumer, B. M., Madsen, P. A., Hansen, E. A. & Losada, M.
01/01/1999 → 15/10/2003
Project: PhD

Dual fuel Brændersimulering
Hostrup, A. J. K. & Houbak, N.
15/12/1998 → 31/05/2001
Project: PhD
Køleprofessor
Paul, J. & Carlsen, H.
14/12/1998 → 12/05/2005
Project

Accidental load modelling for ship structures
Lützen, M., Pedersen, P. T., Jensen, J. J., Kristensen, H. O. H. & Papanikolaou, A. D.
01/09/1998 → 30/05/2002
Project: PhD

Modelling and estimation of damping in non-linear random vibration
01/09/1998 → 18/02/2003
Project: PhD

Multi-scale Representations in Design Optimization
Poulsen, T. A., Sigmund, O., Bendsøe, M. P., Pedersen, P., Lund, E., Petersson, J. & Soto, C. A.
01/09/1998 → 12/07/2002
Project: PhD

Aeroelastisk analyse af vindmøllerotor
01/08/1998 → 05/12/2002
Project: PhD

Simulering af DME forbrænding i Dieselmotorer
Bek, B. H. & Sorenson, S. C.
01/08/1998 → 11/01/2005
Project: PhD

Kulbrinteemmisioner fra naturgasmotorer
Jensen, T. K., Schramm, J., Houbak, N., Sorensen, S. C., Henningsen, S., Glarborg, P. & Odaka, M.
01/06/1998 → 24/05/2002
Project: PhD

Aerodynamisk modellering af vindmøller
Mikkelsen, R. F., Sørensen, J. N., Andersen, P., Aagaard Madsen, H. & Masson, C.
01/05/1998 → 12/02/2004
Project: PhD

Skibspropellere i medstrømsfelt
Olsen, A. S., Andersen, P., Sørensen, J. N., Andersen, S. V. & Rutgersson, O.
01/05/1998 → 09/07/2002
Project: PhD

Ventilationsfiltres indflydelse på den oplevede luftkvalitet
Alm, O. M., Fanger, P. O., Clausen, G., Olesen, B. W., Pøjlersen, J. & Sundell, J.
01/05/1998 → 03/12/2001
Project: PhD

Biologiske smøreolier
Schramm, J. & Carlsen, H.
26/03/1998 → 31/12/2004
Project
Damping Mechanisms in Dynamics
Krenk, S. & Andersen, P.
20/03/1998 → 31/12/2005
Project

Indflydelse af samtidig påvirkning af termisk, akustisk og atmosfærisk indeklima på menneskers komfort og produktivitet
Witterseh, T., Fanger, P. O., Clausen, G., Olesen, B. W., Melhave, L. & Sundell, J.
01/02/1998 → 23/07/2001
Project: PhD

Prediction and handling of accidental loads on ships
Friis-Hansen, A., Friis-Hansen, P., Pedersen, P. T., Jensen, J. J., Bierager, P. & Sørensen, J. D.
01/02/1998 → 20/09/2001
Project: PhD

Produktprogrammer of applikationsviden for vandhydraulik
Voigt, K. & Klit, P.
01/02/1998 → ...
Project: PhD

Material mechanics and micromechanics
Tvergaard, V., Needleman, A. & van der Giessen, E.
01/01/1998 → 31/12/1999
Project

3D-roughness standards SMT4-CT97-2176
De Chiffre, L., Andreasen, J. L. & Malberg, M. P. S.
01/12/1997 → 30/11/2000
Project

Forbedret hydrodynamiske grundlag for konstruktion og analyse af propellere med ukonventionel geometri
Krishnaswamy, P., Andersen, P., Sørensen, J. N., Andersen, S. V. & Góran, B.
01/10/1997 → 09/04/2001
Project: PhD

Objekt-orienteret simuleringsværktøj til dynamisk simulering af energitekniske systemer
Wagner, F. J., Houbak, N., Thomsen, P. G., Madsen, H. & Mølbak, T.
01/10/1997 → 02/10/2001
Project: PhD

Undersøgelse af strømningsstrukturer i punpegeometrier ved anvendelse af PIV og LES
Pedersen, N., Larsen, P. S. & Sørensen, J. N.
01/09/1997 → 09/04/2001
Project: PhD

Morfologisk modellering i brændingszonen
Drønen, N. K., Deigaard, R., Zyserman, J. A., Holman, R. A. & Stive, M.
01/07/1997 → 27/03/2002
Project: PhD

Development of Product families
Pedersen, P. E. E. & Andreasen, M. M.
01/06/1997 → 01/12/2002
Project: PhD
Residualspændinger i varmvalsede plader
01/06/1997 → ...
Project: PhD

Intermediate Scale Coastal Behaviour (NICOP)
Deigaard, R., Fredsøe, J. & Drønen, N. K.
01/05/1997 → 30/04/2001
Project

3-dimensional struktur i bølgenoucerede strømninger
Frederiksen, J. H., Deigaard, R. & Mayer, S.
01/04/1997 → 01/12/2000
Project: PhD

Computational and Experimental Prediction of Indoor Environmental Quality
Voigt, L. P. K., Sørensen, J. N., Melikov, A. K., Nielsen, P. V., Clausen, G., Davidson, L. & Olesen, B. W.
01/04/1997 → 15/03/2002
Project: PhD

EFFORTS - Enhanced framework for forging design using reliable three-dimensional simulation
01/04/1997 → 31/03/2000
Project

Shoreface Sedimenttransport
Madsen, E. Ø., Fredsøe, J., Deigaard, R., Foster, D. & Vriend, H. J. D.
01/04/1997 → 21/09/2001
Project: PhD

Undersøgelse af Strømning
Rasmussen, C. & Houbak, N.
01/03/1997 → 15/01/1998
Project: PhD

Forbedret beskrivelse af skibes ...
Simonsen, C. D., Andersen, P. & Sørensen, J. N.
01/02/1997 → ...
Project: PhD

Modular engineering for production plants
01/02/1997 → ...
Project: PhD

Multi-Parameter Linear Periodic Systems, Stability Analysis and Applications
Pedersen, P., Solem, F. & Seyranian, A. P.
01/02/1997 → 01/01/9999
Project

Plate Forming by Line Heating
Clausen, H. B., Jensen, J. J., Hattel, J. H. & Sørensen, H.
01/02/1997 → 25/09/2000
Project: PhD
Field investigations of transport and fate of pesticides in a sandy aquifer
01/01/1997 → 31/12/2000

Project

Modelling of multipass rolling
Richelsen, A. B.
01/01/1997 → 31/01/1999

Project

MERIP - Human Ressources in Production
Jacobsen, P. & Barfod, A.
01/11/1996 → 01/11/2000

Project

Computersimeringer og fysiske overvejelser i granulære mediers stokastiske mekanik
01/10/1996 → 10/01/2002

Project: PhD

Styring og diagnostisering af ikke lineære systemer
Jensen, K. & Christensen, G. K.
01/10/1996 → 01/10/1996

Project: PhD

Udvikling af metoder og systemer til planlægning og styring af decentrale kraftvarmeværker
Pálsson, H., Bøhm, B., Houbak, N. & Morthorst, P. E.
01/10/1996 → 27/07/2000

Project: PhD

Fluid-Structure interaction
Hansen, M. H., Thomsen, J. J., Sørensen, J. N. & Jensen, J. J.
01/09/1996 → 17/12/1999

Project: PhD

Hydroelasticity of high speed ships
Wang, Z. & Jensen, J. J.
01/09/1996 → 27/07/2000

Project: PhD

Simulering og identifikation af strukturer i komplexe fluidstrømninger
Jørgensen, B. H., Sørensen, J. N., Brøns, M., Larsen, R., Meyer, K. E., Mann, J. & Veldman, A.
01/09/1996 → 26/03/2000

Project: PhD

Mathematical/Numerical modelling of 3D-flow and scour around marine structures
01/08/1996 → …

Project: PhD
Numerisk simulering af industrielle strømningsler
Myllerup, L., Larsen, P. S. & Hansen, M. O. L.
01/07/1996 → 30/03/2001
Project: PhD

Simulation of multi-phase and reactive transport in heterogeneous aquifers
Engesgaard, P. K. & Skovdal Christiansen, J.
01/07/1996 → 31/12/1999
Project

The Mechanics of Ship Collisions
Zhang, S., Pedersen, P. T. & Jensen, J. J.
01/07/1996 → 21/06/1999
Project: PhD

Development of End-fitting for the NKT Flexible Pipe
Banke, L.
01/05/1996 → 31/10/1999
Project

Social Learning in Multimedia
Hansen, F. J. S., Clausen, C., Jæger, B. & Williams, R.
01/05/1996 → 31/10/1998
Project

Udvikling af endearfsutning til NKT’s fleksible rør
Banke, L., Jensen, J. J., Berge, S. & Klit, P.
01/05/1996 → …
Project: PhD

3-D flodmorologi
Christensen, H. B., Fredsøe, J. & Sumer, B. M.
01/03/1996 → 26/03/2000
Project: PhD

Cybernetic modelling and control in intelligent manufacturing
Flyvholm, M. & Conrad, F.
01/03/1996 → 01/09/1996
Project: PhD

Kraftværkers dynamiske forhold
Elmegaard, B., Houbak, N. & Mølbak, T.
01/03/1996 → 27/01/2000
Project: PhD

Akustisk hastighedsmåling i 3 dimensioner
01/02/1996 → …
Project: PhD

En tredimensionaAnden Ordens Randintegralligningsmodel for bølger og strøm m.v.
Büchmann, B., Deigaard, R., Skourup, J. & Brorsen, M. C.
01/02/1996 → 28/10/1999
Project: PhD
Hydrodynamiske påvirkninger på skibe
Pedersen, T. & Jensen, J. J.
01/02/1996 → 02/03/2000
Project: PhD

Modellering af biomaterialer ved analyse/design af proteser
Bagge, M., Bendsøe, M. P. & Olhoff, N.
01/02/1996 → 21/06/1999
Project: PhD

Modelling of Nonlinear Dynamical System
Zhou, J. & Kroszynski, U.
01/02/1996 → 31/12/1998
Project

Nonlinear Fluid -
Jensen, J. S., Thomsen, J. J., Blekhman, I., Brøns, M. & Olhoff, N.
01/02/1996 → 21/06/1999
Project: PhD

Simulering af svejsedeformationer i skibssektioner
Birk-Sørensen, M., Jensen, J. J., Kierkegaard, H. & Hattel, J. H.
01/02/1996 → …
Project: PhD

Turbulensmodellering
Bak, C. & Sørensen, J. N.
01/02/1996 → 01/02/1996
Project: PhD

Actuator-disk model for windturbine (EFP)
Sørensen, J. N.
01/01/1996 → …
Project

Code calibration
Friis-Hansen, P. & Thayamballi, A. K.
01/01/1996 → 31/12/1999
Project

Database on wind characteristics
Hansen, K. S.
01/01/1996 → 31/10/1998
Project

Fracture of ductile materials
Tvergaard, V., Hutchinson, J. W., Needleman, A. & Mathur, K.
01/01/1996 → 31/12/1996
Project

Morphology of ripples beneath surface waves
Fredsøe, J., Andersen, K. H. & Bohr, T.
01/01/1996 → 01/01/9999
Project
Open Modular Robot Controller (OMRC)
Sørensen, T.
01/01/1996 → 01/01/9999
Project

The integration of systems in customer order management in small and medium-size companies.
Barfod, A., Hvolby, H. & Riis, J. O.
01/01/1996 → 31/12/1996
Project

Modellering af luftkvalitet i bygninger og køretøjer
Gholami, S. & Fanger, P. O.
01/12/1995 → 22/03/2000
Project: PhD

Luftkvalitet i kontorbygninger
Nielsen, J. B., Fanger, P. O. & Andersen, K. T.
01/11/1995 → 19/08/1996
Project: PhD

Numerisk og Eksperimentel Fluid Mekanik
Ullum, U., Larsen, P. S. & Sumer, B. M.
01/11/1995 → 27/10/1999
Project: PhD

Cyklisk plasticitet og udmattelse af værkstøjsmaterialer
Pedersen, T. Ø., Tvergaard, V., Christoffersen, J. & Ottosen, N. S.
01/10/1995 → …
Project: PhD

Turbulensmodellering for strømnninger omkring profiler og vinger
Johansen, J., Sørensen, J. N., Aagaard Madsen , H., Hansen, M. O. L. & Sumer, B. M.
01/10/1995 → 19/10/1999
Project: PhD

Modelling and Control of Machinery in Agriculture
Sørensen, H. L., Conrad, F. & Christensen, G. K.
01/09/1995 → 27/07/2000
Project: PhD

Structural studies of inorganic materials
Ståhl, K., Nielsen, K., Artioli, G., Hansen, S., Albertsson, J., Johnsen, O., Hansen, J., Fehrmann, R., Eriksen, K. M. & Jiang, J.
01/09/1995 → …
Project

Arbejdsformer i produktudviklingen
Terkelsen, S. B., Andreasen, M. M. & Riis, J. O.
01/08/1995 → 31/01/1999
Project: PhD

Systematisk fremgangsmåde ved modellering og simulering af køleanlæg
Skovrup, M. J., Knudsen, H. H. & Thomsen, P. G.
01/08/1995 → 09/04/2001
Project: PhD
Udvikling og integration af værktøjer til en designers workbench
01/06/1995 → 06/01/2000
Project: PhD

Human Thermal Sen
Zhou, G. & Fanger, P. O.
01/05/1995 → 18/10/1999
Project: PhD

Belastninger på maritime konstruktioner bestemt ved stokastisk ikke-lineær bølgeteori
Kristensen, M. K., Aage, C., Jensen, J. J. & Skourup, J.
01/04/1995 → 01/06/1997
Project: PhD

Ikke-stationære turbulente strømninger og sedimenttransport
Hjelmager Jensen, J., Fredsøe, J., Hansen, E. A. & Sumer, B. M.
01/04/1995 → 26/02/1999
Project: PhD

Design and Modelling of Production Systems
Jacobsen, P. & Barfod, A.
01/03/1995 → 01/03/1998
Project

EPOS: Efficient Parallel algorithms for Optimization and Simulation
03/02/1995 → …
Project

Design og optimering af komplekse mekaniske systemer
Pedersen, N. L., Hansen, J. M., Bendsøe, M. P. & Olhoff, N.
01/02/1995 → 20/04/1998
Project: PhD

Failure of a porous solid from a deep notch
Tvergaard, V., Redanz, P., Fleck, N. A. & McMeeking, R. M.
01/02/1995 → 31/01/1998
Project

Identification og styring af ulineære dynamiske systemer
Izadi-Zamanabadi, R. & Christensen, G. K.
01/02/1995 → 01/02/1995
Project: PhD

Modellering af emnefremstilling ved pulvermetallurgisk komprimering
Redanz, P., Tvergaard, V., Byskov, E. & Danckert, J.
01/02/1995 → 09/07/1998
Project: PhD

Modelling the impact of air pollutant atmospheres on human response and emissions from materials
Wargocki, P. & Fanger, P. O.
01/02/1995 → 01/03/1999
Project: PhD
Study and development of a design management method for selection of design tools according to context
De Araujo, C. S. & Andreasen, M. M.
01/02/1995 → 24/01/2001
Project: PhD

Systematisk syntese og optimering af mekanismer
01/02/1995 → 20/04/1998
Project: PhD

DIMEC Danish InfoMechatronic Control Design.
23/01/1995 → 31/12/1996
Project

Skibstekniske beregninger for fortidens skibe
Jensen, V., Baatrup, J. & Jensen, J. J.
01/01/1995 → 20/10/1999
Project: PhD

Udvikling af beregningsmodel for dannelse af luftforurening og spredning ved turbulent luftstrømning i arbejdslokaler
Lennert, A. S., Larsen, P. S., Sørensen, A. & Sørensen, J. N.
01/01/1995 → 03/06/1998
Project: PhD

Sammenhængen mellem aluminiums mikrostruktur, styrkeegenskaber og plastiske formgivning
Falk, J., Tvergaard, V., Bay, B. & Richelsen, A. B.
01/12/1994 → 15/11/1996
Project: PhD

Strukturudvikling og mekanismer for udmattelse af polykrystallinsk messing
Carstensen, J. V., Tvergaard, V. & Maahn, E. E.
01/10/1994 → 30/09/1998
Project: PhD

Ultimate and post-ultimate strength of ship hulls under bending, shear and torsional loading
Nielsen, L. P., Pedersen, P. T. & Jensen, J. J.
01/10/1994 → 11/01/1999
Project: PhD

Analysis and Optimization of the progressive damage in fiber-reinforced materials
Pedersen, P., Hammer, V. B. & Bendsøe, M. P.
01/09/1994 → 31/01/1997
Project

Parametrization In Laminate Design for Optimal Compliance
Pedersen, P., Hammer, V. B. & Bendsøe, M. P.
01/09/1994 → 31/01/1997
Project

Probabilistisk udmattelsesanalyse af typiske samlinger mellem stivere og webrammer
Andersen, M. R., Pedersen, P. T., Jensen, J. J. & Jensen, J. J.
01/09/1994 → 20/04/1998
Project: PhD
Identifikation af modelleringsfejl ved dynamiske analyser
Hansen, H. H., Pedersen, P. & Olhoff, N.
01/08/1994 → …
Project: PhD

Smøreoliefilmmodel for forbrændingsmotorer
Frølund, K., Sorenson, S. C., Schramm, J., Carlsen, H., Denbratt, I. & Henningsen, S.
Project: PhD

MUP2 - Resistance projection welding of complex welding of complex metal combinations and geometries
Bay, N. O., Malberg, M. P. & Zhang, W.
01/07/1994 → 31/12/1997
Project

A Conditional Mean Second Order Wave Theory
Jensen, J. J., Kristensen, M. K., Baatrup, J. & Mansour, A. E.
01/06/1994 → 31/12/1999
Project

Anvendelsesvenlig Konstruktion (Design for Usability)
Nielsen, P. K., Andreasen, M. M. & Pedersen, F. M.
01/06/1994 → …
Project: PhD

Impact of Temperature and Humidity on Perceived Indoor Air Quality
Fang, L. & Fanger, P. O.
01/06/1994 → 10/07/1998
Project: PhD

Mekanisk interaktion imellem katalysator og reaktor for kemiske reaktorer
Vestergaard, R., Tvergaard, V., Christoffersen, J., Hansen, B. B. & Runnesson, K.
01/06/1994 → …
Project: PhD

MUP2 - Center for Structural Materials - MP2M - Materials processing, Properties and Modelling
01/05/1994 → 28/02/1999
Project

Løsning af Navier-Stokes ligninger for viskos, turbulent strømning omkring skibsskrog
Olesen, N. A., Baatrup, J., Michelsen, J., Jensen, P. S. & Larsen, P. S.
01/04/1994 → …
Project: PhD

Rengøringsteknologi
Pinholt, P. & Andreasen, M. M.
01/04/1994 → 15/01/1997
Project: PhD

Optimalt design of laminater
Hammer, V. B., Pedersen, P., Paetsch, R. & Stang, H.
01/02/1994 → 16/04/1997
Optimering af vingeprofil-form  
Sørensen, D. N., Sørensen, J. N. & Lind-Nielsen, B.  
01/02/1994 → …  
Project: PhD  

Analyse af pulserende højenergi vandstråle  
Norman, T., Sorensen, S. C., Carlsen, H. & Henningsen, S.  
01/12/1993 → …  
Project: PhD  

Responsberegnning af dynamisk belaste komposit paneler.  
Riber, H. J., Pedersen, P. T., Jensen, J. J. & Kildegaard, A.  
01/10/1993 → …  
Project: PhD  

Mixing and Chemical Reactions in Tubulent Combustion.  
Rasmussen, A., Sorensen, S. C. & Houbak, N.  
01/09/1993 → 31/07/1999  
Project: PhD  

Rationelt desing af skibskonstruktioner overfor ulykkeslast.  
Cerup-Simonsen, B. & Pedersen, P. T.  
01/09/1993 → 30/05/1997  
Project: PhD  

Strømning om vingeprofil  
Nygreen, P. J., Sørensen, J. N. & Larsen, P. S.  
01/09/1993 → 12/09/1997  
Project: PhD  

To-lignings turbulensmodeller for vægnære strømninger.  
Schmidt, J. J., Larsen, P. S. & Sørensen, J. N.  
01/09/1993 → 30/05/1997  
Project: PhD  

Turbulens i kombineret bølge-strøm bevægelse.  
Rønnow, C. H., Sumer, B. M. & Fredsøe, J.  
01/09/1993 → 11/03/1997  
Project: PhD  

Rasmussen, B. D., Danig, P. O. & Sorensen, S. C.  
01/08/1993 → 30/06/1997  
Project: PhD  

Genetisk modellering og intelligent styring af hydrauliske aktuatorer  
Hansen, P. E., Conrad, F., Christensen, G. K. & Rasmussen, H.  
01/08/1993 → 01/10/1998  
Project: PhD  

Miljørigtig konstruktion (desing for environm).  
Hansen, T. K. & Andreasen, M. M.  
01/08/1993 → 30/05/1997  
Project: PhD
Genbrugsrigt konstruktion.
Andersen, E. & Andreasen, M. M.
01/05/1993 → 01/08/1996
Project: PhD

Dynamisk stabilitet
Langthjem, M. A., Pedersen, P. & Jensen, J. J.
01/02/1993 → 18/04/1996
Project: PhD

Intelligent Actuators and motion control of multivariable hydraulic systems
Andersen, T. O., Conrad, F. & Poulsen, N. K.
01/02/1993 → …
Project: PhD

Statistik analyse af indeklimafaktorer
Groes, A. L., Langkilde, G., Fanger, P. O. & Windfeld, K.
01/02/1993 → 17/04/1996
Project: PhD

Aeroakustisk/aerodynamisk støj fra vindmøller
Dahl, K. S., Sørensen, J. N. & Aagaard Madsen, H.
01/01/1993 → 21/01/1997
Project: PhD

Interoperability of Standards for robotics in CIME
Trostmann, E., Kroszynski, U. & Sørensen, T.
01/01/1993 → 31/01/1996
Project

Marine Structures
01/01/1993 → 31/12/1997
Project

Optimering af elektromagnetiske volumenstrømsmåltet.
Jensen, E., Larsen, P. S., Sørensen, J. N. & Lind, L.
10/12/1992 → 18/04/1996
Project: PhD

Automatic finite element mesh generation of regeneration
Liu, X., Jensen, J. F. & Olhoff, N.
09/12/1992 → 21/04/1999
Project: PhD

Optimal design af adaptive konstruktioner
Sigmund, O., Pedersen, P. & Bendsee, M. P.
09/12/1992 → 20/03/1995
Project: PhD

Analysis of flow plast a rotating blade by viscous-inviscid interaction technique.
Filippone, A., Sørensen, J. N. & Jensen, J. T.
01/12/1992 → 29/01/1996
Project: PhD
Menneske/maskin-samspil for mekatroniske produkter - betjeningskvalitet og udviklingsmetoder
Markussen, T. H. & Andreasen, M. M.
01/12/1992 → 29/05/1996
Project: PhD

Tubulensmodellering anvendt på morfologi i lille skala
Tjerry, S. & Fredsøe, J.
01/12/1992 → 22/04/1996
Project: PhD

IMCIA Intelligent Motion Control & Intelligent Actuators.
29/10/1992 → 31/12/1997
Project

Energioptimering af kølesystemer
Jakobsen, A. & Danig, P. O.
01/09/1992 → 09/01/1996
Project: PhD

Bestemmelse af svingninger i platforme som følge af ekstreme bølger
Dal, E. G., Fredsøe, J. & Bjørnsø, I.
01/08/1992 → …
Project: PhD

Trækgener i det industrielle arbejdsmiljø
toftum, J. & Langkilde, G.
01/08/1992 → 16/01/1994
Project: PhD

Acoustical properties of fibre materials for sound insulation
Tarnow, V.
01/06/1992 → …
Project

Computerbaseret betjeningssimulering af mekatroniske produkter
Hansen, C. S., Andreasen, M. M. & Molich, R.
01/05/1992 → …
Project: PhD

Sediment transport in the swash zone
Elfrink, B., Fredsøe, J., Sumer, B. M. & Brøker, I.
01/05/1992 → 08/02/1996
Project: PhD

Tre-dimensional strømnings med separation
Hasbo, P. B., Fredsøe, J. & Sumer, B. M.
01/05/1992 → 02/11/1995
Project: PhD

Afløsning bagved bakker.
Sørensen, N. N. & Larsen, P. S.
01/04/1992 → 22/06/1995
Project: PhD
Genetisk produktmodellering og synteseværktøjer til konstruktionsstøtte system med aluminiumsteknik anvendt område
Mortensen, N. H. & Andreasen, M. M.
01/04/1992 → 11/04/2000
Project: PhD

Energy optimisation of domestic refrigerators.
Danig, P. O., Rasmussen, B. D. & Jakobsen, A.
01/03/1992 → 01/10/1996
Project

Simulering af IGCC kraftværker
Lorentzen, B. & Houbak, N.
01/03/1992 → 17/04/1996
Project: PhD

Graphical Simulator
Hansen, J. B., Dawids, S. & Boe, C.
01/02/1992 → 12/10/1994
Project: PhD

Kapacitet og levetid for højtbelastede maritime FRP-sandwich konstruktioner
Branner, K., Pedersen, P. T., Jensen, J. J. & Kildegaard, A.
01/02/1992 → 29/01/1996
Project: PhD

Viskoplastisk materialeopførsels indflydelse på skallers stabilitet og kollaps
Mikkelsen, L. P. & Tvergaard, V.
01/02/1992 → 05/10/1995
Project: PhD

Konceptuelt design af hurtigsejlende færger
Schack, C. & Pedersen, P. T.
01/01/1992 → ...
Project: PhD

Metoder til modellering og pålidelighedsanalyse af konstruktioner med komplicerede svigtbetingelser.
Morsing Johannesen, J., Ditlevsen, O. D. & Bierager, P.
01/01/1992 → 08/02/1996
Project: PhD

Pålidelighedsmetoder til styrkedimensionering af skibe
Hansen, A. M. & Pedersen, P. T.
01/12/1991 → 08/08/1995
Project: PhD

Stokastiske dynamiske virkninger i elastisk-plastiske konstruktioner
Christensen, C. & Ditlevsen, O. D.
01/11/1991 → 22/04/1997
Project: PhD

Stokastiske effektivitetsfaktorer for plastiske konstruktioner
Randrup-Thomsen, S., Ditlevsen, O. D. & Nielsen, L. O.
01/11/1991 → 22/04/1997
Project: PhD
Aerodynamiske strømninger med strukturinteraktion
Walther, J. H., Larsen, P. S., Jensen, J. T., Sørensen, J. N. & Larsen, P. S.
01/10/1991 → 16/01/1995
Project: PhD

Massetransport og strømningsforhold i væske-gas blandinger omkring dyser og statiske miksere i en bioreaktor
Nim, E., Larsen, P. S., Villadsen, J. & Hassager, O.
01/10/1991 → …
Project: PhD

Instationær strømning ved lave Reynolds tal
Mayer, S., Larsen, P. S. & Hansen, E. B.
01/09/1991 → 15/09/1994
Project: PhD

Optimering af sammensatte maskinsystemer
Svendsen, K., Andreasen, M. M. & Hansen, C. T.
01/08/1991 → …
Project: PhD

Geometrisk og topologisk definition af maritime konstruktioner
Michelsen, J., Jensen, J. J. & Gravesen, J.
01/07/1991 → 07/11/1995
Project: PhD

Rotor-aerodynamik for vindmøller
Hansen, M. O. L., Larsen, P. S., Pedersen, B. M. & Sørensen, J. N.
01/06/1991 → 17/02/1995
Project: PhD

Identifikation/adaptiv regulering af systemer med ukendt modelstruktur og væsentlige ulineariteter
01/04/1991 → …
Project: PhD

Modellering af indeluftkvalitet
Knudsen, H. N. & Fanger, P. O.
01/04/1991 → 14/09/1994
Project: PhD

Analyse af cykliske termodynamiske processer
Commissio, M. B. & Carlsen, H.
01/03/1991 → 16/01/1995
Project: PhD

Luftforurenskilder i ventilationsanlæg
Pejtersen, J. & Fanger, P. O.
01/03/1991 → …
Project: PhD

Numerisk og eksperimentel undersøgelse af turbulent strømning og varmeoverførsel i industrielle procesanlæg
Meyer, K. E., Larsen, P. S. & Kristensen, H. S.
01/02/1991 → 30/05/1994
Project: PhD
Environmental planning and uncertainty
Sørensen, L. T. & Tvergaard, V.
01/10/1990 → ...
Project: PhD

Tredimensionel, instationær aerodynamik for roterende vinge
Christensen, H. F., Sørensen, J. N., Larsen, P. S. & Aagaard Madsen, H.
01/10/1990 → 15/09/1994
Project: PhD

Design for Quality
Mørup, M. & Andreasen, M. M.
01/08/1990 → ...
Project: PhD

Erosion om lodrette pæle udsat for bølger
Christiansen, N., Sumer, B. M. & Fredsøe, J.
01/08/1990 → 15/08/1994
Project: PhD

Pålidelighedsanalyse af maritime konstruktioner
Friis-Hansen, P. & Pedersen, P. T.
01/02/1990 → 17/06/1994
Project: PhD

Robotteknik
Zhang, M., Conrad, F. & Poulsen, N. K.
01/02/1990 → 12/09/1997
Project: PhD

Integreret styring af kølemøbelfordampere til butikskøling
Elefsen, F. & Danig, P. O.
01/01/1990 → ...
Project: PhD

Stirling Engines for Wood chips
Carlsen, H., Bovin, J. K. & Bruun, I. B.
01/01/1990 → 01/01/9999
Project

Optimering for akkumulering af elastisk energi i laminat konstruktioner
Petersen, T. & Pedersen, P.
01/11/1989 → 12/10/1994
Project: PhD

Kyst- og brink beskyttelse
Arnskov, M. M., Sumer, B. M. & Fredsøe, J.
01/09/1989 → 15/08/1995
Project: PhD

Prospektiv medicinsk teknologivurdering
Andersen, S. L., Dawids, S. & Jørgensen, T.
01/08/1987 → 01/07/1994
Project: PhD
Activities:

Ocean Dynamics (Journal)
Fuhrman, D. R. (Reviewer)
2018
Activity: Research › Journal editor

Coastal Engineering (Journal)
Fuhrman, D. R. (Reviewer)
2017 → …
Activity: Research › Journal editor

GREEN FIBER BOTTLE: TOWARDS A SUSTAINABLE PACKAGE
Didone, M. (Guest lecturer)
2017
Activity: Talks and presentations › Conference presentations

Green Fiber Bottle: Towards a Sustainable Package and a Manufacturing Process
Didone, M. (Speaker)
2017
Activity: Talks and presentations › Conference presentations

Journal of Waterway, Port, Coastal, and Ocean Engineering (Journal)
Fuhrman, D. R. (Reviewer)
2017 → …
Activity: Research › Journal editor

Robotics and Computer-Integrated Manufacturing (Journal)
Stolfi, A. (Reviewer)
2017
Activity: Research › Peer review of manuscripts

Characterization of additive manufacturing processes for polymer micro parts productions using direct light processing (DLP) method
Davoudinejad, A. (Speaker)
12 Dec 2017
Activity: Talks and presentations › Conference presentations

Dimensional accuracy of Acrylonitrile Butadiene Styrene injection molded parts produced in a pilot production with an additively manufactured insert
Davoudinejad, A. (Speaker)
12 Dec 2017
Activity: Talks and presentations › Conference presentations

Reversible Operation using Carbonaceous Gasses of a 30-cell Solid Oxide Cell Stack
Jensen, S. H. (Guest lecturer), Langnickel, H. (Guest lecturer), Nils Hintzen (Other), Chen, M. (Guest lecturer), Sun, X. (Guest lecturer), Hauch, A. (Guest lecturer), Butera, G. (Guest lecturer), Clausen, L. R. (Guest lecturer)
12 Dec 2017 → 15 Dec 2017
Activity: Talks and presentations › Conference presentations
Response prediction of vessel motions and sea state estimation from ships  
Nielsen, U. D. (Guest lecturer)  
17 Nov 2017  
Activity: Talks and presentations › Conference presentations

Biological features produced by additive manufacturing processes using vat photopolymerization method  
Davoudinejad, A. (Speaker)  
8 Nov 2017  
Activity: Talks and presentations › Conference presentations

Comparison of measured lattice rotations of individual grains with crystal plasticity simulations  
Juul, N. Y. (Speaker), Oddershede, J. (Other), Winther, G. (Guest lecturer)  
5 Nov 2017 → 11 Nov 2017  
Activity: Talks and presentations › Conference presentations

Measured resolved shear stresses and active slip systems in austenitic steel  
Winther, G. (Invited speaker), Juul, N. Y. (Other), Oddershede, J. (Other)  
5 Nov 2017 → 11 Nov 2017  
Activity: Talks and presentations › Conference presentations

Efficient use of low temperature heat sources: High performance heat pump cycles with zeotropic mixtures  
Zühlsdorf, B. (Guest lecturer)  
24 Oct 2017  
Activity: Talks and presentations › Conference presentations

University of North Carolina at Charlotte  
Quagliotti, D. (Visiting researcher)  
1 Oct 2017 → 30 Nov 2017  
Activity: Visiting an external institution › Visiting another research institution

Shipboard sea state estimation based on wave‐induced response measurements  
Nielsen, U. D. (Guest lecturer)  
26 Sep 2017  
Activity: Talks and presentations › Conference presentations

Complex Motion in Fluids Summer School  
24 Sep 2017 → 29 Sep 2017  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Influence of tool texture on friction and lubrication in strip reduction  
Sulaiman, M. H. B. (Guest lecturer), Christiansen, P. (Guest lecturer), Bay, N. O. (Guest lecturer)  
17 Sep 2017 → 22 Sep 2017  
Activity: Talks and presentations › Conference presentations

Booster heat pump with zeotropic mixtures  
Zühlsdorf, B. (Guest lecturer)  
12 Sep 2017  
Activity: Talks and presentations › Conference presentations

Performance analysis of heat pumps utilizing different low temperature heat sources to supply district heating  
Pieper, H. (Speaker)  
12 Sep 2017  
Activity: Talks and presentations › Conference presentations
International Workshop on High Temperature Heat Pumps
Elmegaard, B. (Organizer), Zühlendorf, B. (Organizer), Reinholdt Lars Ove (Organizer), Michael Bantle (Organizer)
11 Sep 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Experimental Validation of Vibro-Impact Force Models using Numeric Simulation and Perturbation Methods
de Souza Reboucas, G. F. (Guest lecturer)
27 Jun 2017
Activity: Talks and presentations › Conference presentations

Coastal Dynamics 2017
Fuhrman, D. R. (Organizer)
12 Jun 2017 → 16 Jun 2017
Activity: Attending an event › Participating in or organising a conference

Davoudinejad, A. (Speaker)
1 Jun 2017
Activity: Talks and presentations › Conference presentations

3D Printing of Bio-inspired Surfaces
Davoudinejad, A. (Supervisor)
May 2017
Activity: Examinations and supervision › Supervisor activities

Feasibility study on integrated process/product quality assurance framework for precision injection moulding based on vibration monitoring
Giannekas, N. (Other), Rene Gammelby (Other), Tosello, G. (Other), Dmitri Tcherniak (Other), Zhang, Y. (Other)
29 May 2017 → 31 May 2017
Activity: Talks and presentations › Conference presentations

Oral presentation
Vested, M. H. (Guest lecturer)
17 May 2017
Activity: Talks and presentations › Conference presentations

Replication and analysis of polymer micro structured functional surfaces for contrast generation
Regi, F. (Speaker)
9 May 2017
Activity: Talks and presentations › Conference presentations

A preliminary study on replication and quality correlation of on-part and on-runner polymer injection moulded micro features
Giannekas, N. (Guest lecturer), Tosello, G. (Other), Zhang, Y. (Other)
7 May 2017 → 9 May 2017
Activity: Talks and presentations › Conference presentations

University of North Carolina at Charlotte
Quagliotti, D. (Visiting researcher)
1 May 2017 → 31 Jul 2017
Activity: Visiting an external institution › Visiting another research institution

Oral presentation
Vested, M. H. (Guest lecturer)
24 Apr 2017 → 28 Apr 2017
Harmonic Polynomial Cell method with Immersed Boundaries
Shao, Y. (Speaker)
3 Apr 2017 → 7 Apr 2017
Activity: Talks and presentations › Conference presentations

Biomedical Microdevices (Journal)
Puthumana, G. (Reviewer)
30 Mar 2017 → 31 Dec 2017
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

DCAMM 16th Internal Symposium
Christiansen, C. K. (Participant)
13 Mar 2017 → 15 Mar 2017
Activity: Talks and presentations › Conference presentations

Lubricant transport across the piston ring with flat and triangular lubrication injection profiles on the liner in large two-stroke marine diesel engines
Overgaard, H. T. (Guest lecturer)
3 Feb 2017
Activity: Talks and presentations › Conference presentations

Metrology for additively manufactured medical implants
Stolfi, A. (Participant)
3 Feb 2017 → 30 Apr 2017
Activity: Other

The Danish Society of Engineers, IDA (External organisation)
Puthumana, G. (Participant)
1 Feb 2017 → …
Activity: Membership › Membership of research networks or expert groups

EBSD 2016 Dresden
Diederichs, A. M. (Speaker)
2016
Activity: Talks and presentations › Conference presentations

Precision Engineering (Journal)
Stolfi, A. (Reviewer)
2016 → …
Activity: Research › Peer review of manuscripts

Sensors (Journal)
Stolfi, A. (Reviewer)
2016 → …
Activity: Research › Peer review of manuscripts

Mechanics of Advanced Materials and Modern Processes (Journal)
Puthumana, G. (Reviewer)
1 Dec 2016 → …
Activity: Research › Peer review of manuscripts

ATV Sustain conference
Puthumana, G. (Speaker)
30 Nov 2016
How to Get Published in an International Journal
Puthumana, G. (Participant)
29 Nov 2016

Oral examinations, including group examination
Puthumana, G. (Participant)
28 Nov 2016

How to prepare a successful proposal for Horizon 2020
Puthumana, G. (Participant)
24 Nov 2016

DTU's 5. undervisningsbiennale: God undervisningspraksis i ingeniørudannelsen
Puthumana, G. (Participant)
17 Nov 2016

Supervision of PhD students at DTU
Puthumana, G. (Participant)
14 Nov 2016

TECNICHE INNOVATIVE DI INDURIMENTO SUPERFICIALE E TRATTAMENTO CRIOGENICO DEGLI ACCIAI
Villa, M. (Speaker)
10 Nov 2016

Euspen Special Interest Group Meeting: Structured & Freeform Surfaces
Saxena, P. (Speaker)
9 Nov 2016 → 11 Nov 2016

Euspen Special Interest Group Meeting: Structured & Freeform Surfaces
Didone, M. (Speaker)
9 Nov 2016

Special Interest Group Meeting: Structured & Freeform Surfaces 9th – 10th November 2016 - Technical University of Denmark (DTU) Copenhagen, DK
Puthumana, G. (Participant)
9 Nov 2016 – 10 Nov 2016

Special Interest Group Meeting: Structured & Freeform Surfaces 9th – 10th November 2016 - Technical University of Denmark (DTU) Copenhagen, DK
Quagliotti, D. (Speaker)
9 Nov 2016

E-LASS European network for lightweight applications at sea
Karatzas, V. (Speaker)
8 Nov 2016 → 9 Nov 2016
Activity: Talks and presentations › Conference presentations

University of Nottingham
Quagliotti, D. (Visiting researcher)
15 Oct 2016 → 21 Dec 2016
Activity: Visiting an external institution › Visiting another research institution

University of Copenhagen Innovation Day 2016
Puthumana, G. (Participant)
13 Oct 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Analysis of grain-scale experimental data in a crystal plasticity framework
Winther, G. (Invited speaker)
Activity: Talks and presentations › Conference presentations

Making your research visible II
Puthumana, G. (Participant)
6 Oct 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

1st International Symposium on Multi-Scale Experimental Mechanics
Karatzas, V. (Speaker)
5 Oct 2016
Activity: Talks and presentations › Conference presentations

Danish course 872
Puthumana, G. (Participant)
3 Oct 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Developing the Green Fiber Bottle
Meijer, E. B. (Lecturer)
3 Oct 2016
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Introduction to SimaPro
Meijer, E. B. (Lecturer)
3 Oct 2016
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Modeling and analyzing solar heating plants to predict thermal performance
Pieper, H. (Speaker)
27 Sep 2016
Activity: Talks and presentations › Conference presentations

Characterization of the micrometric structure of molded pulp using X-ray microtomography
Stolfi, A. (Participant)
21 Sep 2016 → 22 Dec 2016
Activity: Other

Meeting with SIRI and DIS
Puthumana, G. (Participant)
20 Sep 2016
**Life Cycle Assessment for Product Designers**
Meijer, E. B. (Lecturer)
19 Sep 2016
Activity: Other

**Prediction of dislocation boundary characteristics**
Winther, G. (Invited speaker)
19 Sep 2016 → 23 Sep 2016
Activity: Talks and presentations › Conference presentations

**Metrology for additive manufacturing of medical implants**
Stolfi, A. (Participant)
13 Sep 2016 → 31 Dec 2016
Activity: Other

**Demonstration - Course 41742**
Puthuman, G. (Participant)
8 Sep 2016
Activity: Attending an event › Participating in or organising a conference

**Technological signature in precision injection compression moulding of polymer Fresnel lenses**
Quagliotti, D. (Participant)
1 Sep 2016 → 31 Jan 2017
Activity: Other

**EuroTech Postdoc workshop**
Puthuman, G. (Participant)
31 Aug 2016 → 2 Sep 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Rheology of High-Melt-Strength Polypropylene for Additive Manufacturing**
Hofstätter, T. (Speaker)
24 Aug 2016
Activity: Talks and presentations › Conference presentations

**Crack Tip Flipping Under Mode I/III Tearing**
Felter, C. L. (Lecturer)
Activity: Talks and presentations › Conference presentations

**DTU Mekanik Sommerseminar 2016**
Puthuman, G. (Participant)
18 Aug 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**15th International Symposium on Magnetic Bearings**
Lauridsen, J. S. (Participant)
3 Aug 2016
Activity: Attending an event › Participating in or organising a conference

**Measured Resolved Shear Stresses on Slip Systems in Austenitic Steel Grains**
Winther, G. (Other)
10 Jul 2016 → 13 Jul 2016
Activity: Talks and presentations › Conference presentations
Danish summer school 880
Puthumana, G. (Participant)
4 Jul 2016 → 15 Jul 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Traceability investigation in Computed Tomography using industry-inspired workpieces
Stolfi, A. (Participant)
1 Jul 2016 → 30 Sep 2017
Activity: Other

18th Summer School on Engineering Design Research
Meijer, E. B. (Participant)
27 Jun 2016 → 30 Jul 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Prediction of Solar Heating Plant Performance
Pieper, H. (Speaker)
24 Jun 2016
Activity: Talks and presentations › Conference presentations

Motivation and Learning
Puthumana, G. (Participant)
22 Jun 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Advanced LCA PhD Course 2016
Meijer, E. B. (Participant)
20 Jun 2016 → 24 Jun 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Accurate Manufacture-DLM
Puthumana, G. (Participant)
16 Jun 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Integrating Product and Technology Development: A Proposed Reference Model for Dual Innovation
Meijer, E. B. (Speaker)
15 Jun 2016
Activity: Talks and presentations › Conference presentations

The 17th Nordic Symposium on Tribology
Overgaard, H. T. (Participant)
14 Jun 2016 → 17 Jun 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Økonomioversigter
Puthumana, G. (Participant)
13 Jun 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Novo Nordisk AS
Stolfi, A. (Visiting researcher)
10 Jun 2016 → 30 Aug 2016
Activity: Visiting an external institution › Visiting another research institution
Performance Verification of the Moulding Method for Production of Paper Bottles
Stolfi, A. (Participant)
3 Jun 2016 → 23 Jun 2016
Activity: Other

Best Presentation Award
Hofstätter, T. (Participant)
2 Jun 2016
Activity: Other

Successful management of externally financed project at DTU - from Grant to project closing
Puthumana, G. (Participant)
26 May 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Marie Skłodowska-Curie Individual Fellowships 2016
Puthumana, G. (Participant)
24 May 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Internhandel
Puthumana, G. (Participant)
18 May 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

HTCPM 2016 - 9th International Symposium on High-Temperature Corrosion and Protection of Materials
Wu, D. (Participant)
15 May 2016 → 20 May 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Learning by Failing/Learning by Succeeding
Puthumana, G. (Participant)
3 May 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Precision Metrology Workshop - Optical Metrology
Puthumana, G. (Participant)
19 Apr 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Introduction to Pulp and paper Technology 2016
Meijer, E. B. (Participant)
13 Apr 2016 → 15 Apr 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Principle for achieving metrological traceability with CMM’s
Puthumana, G. (Participant)
12 Apr 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Search, cite, publish - information competences for PhD students and newly employed researchers
Puthumana, G. (Participant)
12 Apr 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
University of British Columbia
Meijer, E. B. (Visiting researcher)
11 Apr 2016 → 14 May 2016
Activity: Visiting an external institution › Visiting another research institution

PhD supervision
Puthumana, G. (Participant)
4 Apr 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Fracture Toughness Characterization of Honeycomb Core Sandwich Composites in Mode - I: A Comparative Study
Saseendran, V. (Speaker), Berggreen, C. (Lecturer), Leif A. Carlsson (Lecturer)
20 Mar 2016 → 22 Mar 2016
Activity: Talks and presentations › Conference presentations

HTC/KME Symposium 2016
Wu, D. (Participant)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Physikalisch-Technische Bundesanstalt,
Stolfi, A. (Visiting researcher)
15 Mar 2016 → 1 May 2016
Activity: Visiting an external institution › Visiting another research institution

Making your research visible
Puthumana, G. (Participant)
8 Mar 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

New Concepts for Shipboard Sea State Estimation
Nielsen, U. D. (Speaker)
1 Mar 2016
Activity: Talks and presentations › Conference presentations

H.C. Ørsted COFUND Postdoc Programme Network Group Meeting
Puthumana, G. (Participant)
26 Feb 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Intragranular orientation spread induced by grain interaction
Wintner, G. (Invited speaker)
14 Feb 2016 → 18 Feb 2016
Activity: Talks and presentations › Conference presentations

Danish course 874
Puthumana, G. (Participant)
2 Feb 2016 → 2 Jun 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Design and Optimization of High Precision Positioning Fixture
Quagliotti, D. (Supervisor)
1 Feb 2016 → 23 Jun 2016
Activity: Examinations and supervision › Supervisor activities
**17th Workshop of Nordic Maritime Universities and DNV-GL**
Karatzas, V. (Speaker)
21 Jan 2016 → 22 Jan 2016
Activity: Talks and presentations › Conference presentations

**Application of Digital Image Correlation for Material Testing**
Costache, A. (Lecturer)
19 Jan 2016 → 21 Jan 2016
Activity: Other

**Experimental Solid Mechanics (41811)**
Costache, A. (Lecturer)
12 Jan 2016 → 18 Jan 2016
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

**H. C. Ørsted COFUND postdoc Fellow day**
Puthumana, G. (Participant)
7 Jan 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Applied Ocean Research (Journal)**
Fuhrman, D. R. (Reviewer)
2015 → …
Activity: Research › Journal editor

**Global Cleaner Production & Sustainable Consumption Conference**
Rodrigues, V. P. (Speaker)
2015
Activity: Talks and presentations › Conference presentations

**Journal of Cleaner Production (Journal)**
Rodrigues, V. P. (Reviewer)
2015 → …
Activity: Research › Peer review of manuscripts

**Journal of Offshore Mechanics and Arctic Engineering (Journal)**
Fuhrman, D. R. (Reviewer)
2015 → …
Activity: Research › Journal editor

**DTU Sustain conference 2015**
Puthumana, G. (Speaker)
17 Dec 2015
Activity: Talks and presentations › Conference presentations

**Why sustainability is still not integrated into product development?**
Pigosso, D. C. A. (Keynote speaker)
16 Dec 2015
Activity: Talks and presentations › Conference presentations

**DTU Seminar: Educating Engineers for the Future - Solving Engineering Dilemmas with Innovation as a Context for Teaching**
Puthumana, G. (Participant)
8 Dec 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
DTU Modeling day 2015
Puthumana, G. (Participant)
7 Dec 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

EUSPEN Micro/Nano Manufacturing Workshop
Quagliotti, D. (Speaker)
25 Nov 2015
Activity: Talks and presentations › Conference presentations

Language Learning Event
Puthumana, G. (Participant)
2 Nov 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Global Cleaner Production & Sustainable Consumption Conference
Pigosso, D. C. A. (Participant)
1 Nov 2015 → 4 Nov 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Modeling Void-by-void Growth vs. Void Interaction in Thin Sheet Metal
Felter, C. L. (Lecturer)
26 Oct 2015 → 28 Oct 2015
Activity: Talks and presentations › Conference presentations

Introduction to research councils and foundations 20th October 2015
Puthumana, G. (Participant)
20 Oct 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Developing the Green Fiber Bottle
Meijer, E. B. (Lecturer)
19 Oct 2015
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

training courses for Thermo-cal and DICTRA
Wu, D. (Participant)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Maritime Engineering Education (at DTU): What are the challenges?
Nielsen, U. D. (Lecturer)
9 Oct 2015
Activity: Talks and presentations › Conference presentations

The Nordic Flame Days 2015
Okoro, S. C. (Speaker)
6 Oct 2015
Activity: Talks and presentations › Conference presentations

Observation of deformation induced redistribution of chromium and carbon in bearing steel
Diederichs, A. M. (Speaker)
Sep 2015
Activity: Talks and presentations › Conference presentations
SimaPro Exercise
Meijer, E. B. (Lecturer)
24 Sep 2015
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

11621 How to write a scientific paper
Puthumana, G. (Participant)
17 Sep 2015 → 9 Dec 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Danish course 888
Puthumana, G. (Participant)
15 Sep 2015 → 3 Dec 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Dimensional and Surface Micro/Nano Metrology for Precision Moulding Technology
Quagliotti, D. (Supervisor)
7 Sep 2015 → 15 Jan 2016
Activity: Examinations and supervision › Supervisor activities

Optical Metrology and Precision Milled Metal Surfaces for Process Validation and Product Quality Assurance
Quagliotti, D. (Supervisor)
1 Sep 2015 → 1 Feb 2016
Activity: Examinations and supervision › Supervisor activities

A methodology for designing flexible multi-generation systems
Lythcke-Jørgensen, C. E. (Invited speaker)
25 Aug 2015
Activity: Talks and presentations › Conference presentations

Expert panel for Research Council of Norway (External organisation)
Winther, G. (Participant)
11 Aug 2015 → 12 Aug 2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Dislocations 2016
Winther, G. (Organizer)
1 Aug 2015 → 1 Aug 2017
Activity: Attending an event › Participating in or organising a conference

Gordon Research Conference on High Temperature Corrosion
Okoro, S. C. (Participant)
25 Jul 2015 → 31 Jul 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

20th International Conference on Composite Materials
Poulios, K. (Speaker)
19 Jul 2015 → 24 Jul 2015
Activity: Talks and presentations › Conference presentations

Connect! European Moldflow User Meeting 2015
Marhöfer, D. M. (Speaker)
23 Jun 2015
Activity: Talks and presentations › Conference presentations
Micro Mechanical Systems Design and Manufacturing Course 41790
Puthumana, G. (Participant)
22 Jun 2015 → 3 Jul 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Polymer tribology: The polymer against polymer wear puzzle
Sivebæk, I. M. (Speaker)
22 Jun 2015 → 26 Jun 2015
Activity: Talks and presentations › Conference presentations

The International Conference on Understanding and Controlling Nano and Mesoscale Friction
Sivebæk, I. M. (Organizer)
22 Jun 2015 → 26 Jun 2015
Activity: Attending an event › Participating in or organising a conference

Marhöfer, D. M. (Speaker)
18 Jun 2015
Activity: Talks and presentations › Conference presentations

Poster Session - DTU (on 15th International Conference of the European Society for Precision Engineering)
Puthumana, G. (Participant)
12 Jun 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

29th International Conference on Surface Modification Technologies
Okoro, S. C. (Speaker)
11 Jun 2015
Activity: Talks and presentations › Conference presentations

11th World Congress of Structural and Multidisciplinary Optimisation
Alexandersen, J. (Participant)
7 Jun 2015 → 12 Jun 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

11th World Congress of Structural and Multidisciplinary Optimisation
Dou, S. (Participant)
7 Jun 2015 → 12 Jun 2015
Activity: Attending an event › Participating in or organising a conference

Tolerance verification of a hearing aid component using Computed Tomography
Stolfi, A. (Participant)
1 Jun 2015 → 31 Jul 2015
Activity: Other

NMI Tribology Meeting
Diederichs, A. M. (Participant)
May 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Transition from wet to dry friction
Sivebæk, I. M. (Invited speaker)
22 May 2015
Activity: Talks and presentations › Conference presentations
VI International Conference on Coupled Problems in Science and Engineering
Alexandersen, J. (Participant)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Acoustical technological facilities visit - DTU Elektro
Puthumana, G. (Participant)
13 May 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

7th International Conference on Composite Testing and Model Identification
Costache, A. (Participant)
8 Apr 2015 → 10 Apr 2015
Activity: Attending an event › Participating in or organising a conference

Application of combined EBSD/EDX measurements to microstructure analysis of White Etching Areas in 100Cr6 steel
Diederichs, A. M. (Speaker)
Mar 2015
Activity: Talks and presentations › Conference presentations

2015 Electron Backscatter Diffraction Meeting
Alimadadi, H. (Speaker)
31 Mar 2015
Activity: Talks and presentations › Conference presentations

ATV-SEMAPP konferencen ’Plast i offshoreindustrien
Karatzas, V. (Invited speaker)
18 Mar 2015
Activity: Talks and presentations › Conference presentations

DCAMM 15th Internal Symposium
Christiansen, C. K. (Participant)
16 Mar 2015 → 18 Mar 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

DCAMM 15th Internal Symposium
Pierart Vásquez, F. G. (Participant)
16 Mar 2015 → 18 Mar 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

DCAMM 15th Internal Symposium
Lauridsen, J. S. (Participant)
16 Mar 2015 → 18 Mar 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

DCAMM 15th Internal Symposium
Salazar, J. A. G. (Participant)
16 Mar 2015 → 18 Mar 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

DCAMM 15th Internal Symposium
Dou, S. (Participant)
16 Mar 2015 → 18 Mar 2015
Activity: Attending an event › Participating in or organising a conference
Analysis of Ingot Forging Damage Evolution Using Different Simulation Methods
Christiansen, P. (Invited speaker)
9 Mar 2015
Activity: Talks and presentations › Conference presentations

11th International Conference on Vibrations in Rotating Machines
Salazar, J. A. G. (Speaker)
23 Feb 2015 → 25 Feb 2015
Activity: Talks and presentations › Conference presentations

16th Workshop of Nordic Maritime Universities and DNV-GL
Karatzas, V. (Speaker)
22 Jan 2015
Activity: Talks and presentations › Conference presentations

DTU Patent Course
Costache, A. (Participant)
12 Jan 2015 → 16 Jan 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Materialers fantastiske verden
Winther, G. (Lecturer)
22 Nov 2014
Activity: Talks and presentations › Conference presentations

Euspen Special Interest Group Meeting - Structured and Freeform Surfaces
Calaon, M. (Speaker)
19 Nov 2014 → 20 Nov 2014
Activity: Talks and presentations › Conference presentations

Microstructural investigations of White Etching Areas
Diederichs, A. M. (Speaker)
18 Nov 2014
Activity: Talks and presentations › Conference presentations

Response-based sea state estimation for onboard DSS - Safe and Efficient Marine Operations
Nielsen, U. D. (Invited speaker)
13 Nov 2014
Activity: Talks and presentations › Conference presentations

Karlsruhe Institute of Technology KIT
Marhöfer, D. M. (Visiting researcher)
Oct 2014 → Dec 2014
Activity: Visiting an external institution › Visiting another research institution

27th Nordic Seminar on Computational Mechanics
Christiansen, C. K. (Participant)
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

13th International Symposium on Multiscale, Multifunctional and Functionally Graded Materials
Alexandersen, J. (Participant)
19 Oct 2014 → 22 Oct 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
Comparison of measurements using Computed Tomography and CMM
Stolfi, A. (Participant)
1 Oct 2014 → 9 Jan 2015
Activity: Other

Electron-microscopical analysis of White etching Areas in 100Cr6 steel
Diederichs, A. M. (Speaker)
Sep 2014
Activity: Talks and presentations › Conference presentations

10th European Fluid Mechanics Conference (EUROMECH)
Christiansen, C. K. (Participant)
14 Sep 2014 → 18 Sep 2014
Activity: Attending an event › Participating in or organising a conference

European Corrosion Congress
Okoro, S. C. (Speaker)
8 Sep 2014 → 12 Sep 2014
Activity: Talks and presentations › Conference presentations

Bygningsmekanik II
Costache, A. (Participant)
31 Aug 2014 → 4 Dec 2014
Activity: Other

Analysis of deformation-induced intragranular orientation spread in IF-steel by a combination of 3DXRD and crystal plasticity
Winther, G. (Speaker)
24 Aug 2014 → 29 Aug 2014
Activity: Talks and presentations › Conference presentations

Nanotribology: Theory and Applications
Costache, A. (Participant)
18 Aug 2014 → 29 Aug 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Material and geometry characterization of FDM parts
Stolfi, A. (Participant)
15 Aug 2014 → 15 Nov 2015
Activity: Other

8th European Nonlinear Dynamics Conference
Dou, S. (Participant)
6 Jul 2014 → 11 Jul 2014
Activity: Attending an event › Participating in or organising a conference

17th U.S. National Congress on Theoretical and Applied Mechanics
Dou, S. (Participant)
16 Jun 2014 → 21 Jun 2014
Activity: Attending an event › Participating in or organising a conference

Investigations on PVD Al/Ni electrocatalysts for alkaline water electrolysis
Caspersen, M. (Speaker)
15 Jun 2014 → 20 Jun 2014
Activity: Talks and presentations › Conference presentations
16th Nordic Symposium on Tribology
Salazar, J. A. G. (Speaker)
12 Jun 2014
Activity: Talks and presentations › Conference presentations

16th Nordic Symposium on Tribology
Christiansen, C. K. (Participant)
10 Jun 2014 → 13 Jun 2014
Activity: Attending an event › Participating in or organising a conference

Hilton Head Workshop 2014
Dou, S. (Participant)
8 Jun 2014 → 12 Jun 2014
Activity: Attending an event › Participating in or organising a conference

2nd International Symposium on Anodizing Science and Technology
Johansen, V. E. (Speaker)
5 Jun 2014
Activity: Talks and presentations › Conference presentations

International Conference on Engineering and Applied Sciences Optimization (OPT-i)
Alexandersen, J. (Participant)
4 Jun 2014 → 6 Jun 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Norwegian University of Science and Technology (External organisation)
Winther, G. (Participant)
2 Jun 2014
Activity: Membership › Membership in review committee

European Maritime Day
Christensen, E. D. (Speaker)
19 May 2014 → 20 May 2014
Activity: Talks and presentations › Conference presentations

Robust Discretisation and Fast Solvers for Computable Multi-physics Models
Alexandersen, J. (Participant)
12 May 2014 → 16 May 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Carnegie Mellon University
Pierobon, L. (Visiting researcher)
19 Apr 2014 → 14 Jun 2014
Activity: Visiting an external institution › Visiting another research institution

Microscopy of Oxidation
Okoro, S. C. (Participant)
14 Apr 2014 → 16 Apr 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Combining crystal plasticity and dislocation theory to model dislocation boundary characteristics
Winther, G. (Invited speaker)
24 Feb 2014 → 28 Feb 2014
Activity: Talks and presentations › Conference presentations
Michigan State University
Dou, S. (Visiting researcher)
3 Feb 2014 → 27 Jun 2014
Activity: Visiting an external institution › Visiting another research institution

Bygningsmekanik II
Costache, A. (Lecturer)
2013
Activity: Other

Membership in the European Society for Precision Manufacturing and Nanotechnology (euspen) (External organisation)
Marhöfer, D. M. (Participant)
2013 → …
Activity: Membership › Membership of research networks or expert groups

EUSPEN Micro/Nano Manufacturing Workshop
Mahshid, R. (Speaker)
27 Nov 2013 → 28 Nov 2013
Activity: Talks and presentations › Conference presentations

EUSPEN Micro/Nano Manufacturing Workshop
Mahshid, R. (Speaker)
27 Nov 2013 → 28 Nov 2013
Activity: Talks and presentations › Conference presentations

12th EDF - PPRIME
Salazar, J. A. G. (Speaker)
17 Sep 2013 → 18 Sep 2013
Activity: Talks and presentations › Conference presentations

Dansk Teknologihistorisk Selskabs Årsmøde
Zwisler, L. (Organizer)
14 Sep 2013
Activity: Attending an event › Participating in or organising a conference

19th International Conference on Composite Materials
Costache, A. (Participant)
28 Jul 2013 → 2 Aug 2013
Activity: Attending an event › Participating in or organising a conference

Separated Representations and PGD-based Model Reduction: Fundamentals and Applications
Alexandersen, J. (Participant)
8 Jul 2013 → 12 Jul 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Topology Optimization – Theory and Applications
Dou, S. (Participant)
19 Jun 2013 → 25 Jun 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

PRACE Summer School 2013
Alexandersen, J. (Participant)
17 Jun 2013 → 21 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.

10th World Congress on Structural and Multidisciplinary Optimization  
Alexandersen, J. (Speaker)  
22 May 2013  
Activity: Talks and presentations › Conference presentations

10th World Congress on Structural and Multidisciplinary Optimization  
Dou, S. (Participant)  
19 May 2013 → 24 May 2013  
Activity: Attending an event › Participating in or organising a conference

Delft University of Technology  
Pierobon, L. (Visiting researcher)  
30 Apr 2013 → 10 Sep 2013  
Activity: Visiting an external institution › Visiting another research institution

3rd International Tribology Symposium of IFToMM  
Poulios, K. (Participant)  
19 Mar 2013 → 21 Mar 2013  
Activity: Attending an event › Participating in or organising a conference

DCAMM 14th Internal Symposium  
Christiansen, C. K. (Participant)  
13 Mar 2013 → 15 Mar 2013  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

DCAMM 14th Internal Symposium  
Dou, S. (Participant)  
13 Mar 2013 → 15 Mar 2013  
Activity: Attending an event › Participating in or organising a conference

Business Course for Industrial PhD Students  
Costache, A. (Participant)  
4 Feb 2013 → 8 Feb 2013  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Journal of Intelligent Manufacturing (Journal)  
Puthumana, G. (Reviewer)  
1 Jan 2013 → …  
Activity: Research › Peer review of manuscripts

1st Symposium on Advances in Refrigeration and Heat Pump Technology  
Wronski, J. (Organizer)  
2012 → …  
Activity: Attending an event › Participating in or organising a conference

1st Symposium on Advances in Refrigeration and Heat Pump Technology  
Holten-Tingleff, F. (Organizer)  
2012  
Activity: Attending an event › Participating in or organising a conference
Sustainability-Driven Innovation through Product-Service Systems (External organisation)
McAloone, T. C. (External examiner)
20 Dec 2012
Activity: Examinations and supervision › External examination

Fracture Mechanics for Laminated Composite Structures
Costache, A. (Participant)
15 Oct 2012 → 18 Oct 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Characterisation of best practices in eco-design for the training of engineering designers: Summary of dimensions, methods, tools and activities (External organisation)
McAloone, T. C. (Participant)
11 Oct 2012
Activity: Membership › Membership in review committee

Ecodesign implementation for complex industrial systems: From scenario-based LCA to the definition of an eco-innovative R&D projects portfolio (External organisation)
McAloone, T. C. (External examiner)
28 Sep 2012
Activity: Examinations and supervision › External examination

Charting of ecodesign experiences, needs and perspectives
McAloone, T. C. (Keynote speaker)
20 Sep 2012
Activity: Talks and presentations › Conference presentations

Product/Service-Systems Design from an Engineering Perspective
McAloone, T. C. (Keynote speaker)
19 Sep 2012
Activity: Talks and presentations › Conference presentations

Strain and defect structure in individual subgrains: Summer School Scattering methods for the analysis of the structure of matter, International Max Planck Research School, Stuttgart, Germany
Pantleon, W. (Invited speaker)
17 Sep 2012 → 20 Sep 2012
Activity: Talks and presentations › Conference presentations

NeuroDesign - Second workshop (held at CBS)
Maier, A. (Participant)
10 Sep 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Product/Service-System Strategies, Design and Markets
McAloone, T. C. (Speaker)
9 Sep 2012
Activity: Talks and presentations › Conference presentations

10th International Conference on Sandwich Structures
Costache, A. (Speaker)
29 Aug 2012
Activity: Talks and presentations › Conference presentations

Open innovation practices in a cluster context: A Medicon Valley case study
McAloone, T. C. (Keynote speaker)
29 Aug 2012
Activity: Talks and presentations › Conference presentations

**NordDesign 2012**
McAloone, T. C. (Participant)
22 Aug 2012 → 24 Aug 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Beyond x-ray line profiles: perceiving dislocation structures from high resolution reciprocal space mapping**
Pantleon, W. (Invited speaker)
6 Aug 2012 → 10 Aug 2012
Activity: Talks and presentations › Conference presentations

**European Fuel Cell Forum 2012**
Harthøj, A. (Participant)
26 Jun 2012 → 29 Jun 2012
Activity: Attending an event › Participating in or organising a conference

**Ecodesign workshop**
McAloone, T. C. (Organizer)
25 Jun 2012 → 29 Jun 2012
Activity: Attending an event › Participating in or organising a conference

**Modal Analysis of Nonlinear Mechanical Systems**
Dou, S. (Participant)
25 Jun 2012 → 29 Jun 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Topology Optimization in Structural and Continuum Mechanics**
Dou, S. (Participant)
18 Jun 2012 → 22 Jun 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**SUR/FIN Manufacturing and Technology Conference 2012**
Harthøj, A. (Participant)
11 Jun 2012 → 13 Jun 2012
Activity: Attending an event › Participating in or organising a conference

**Danish Metallurgical Society symposium 2012**
Harthøj, A. (Participant)
6 Jun 2012
Activity: Attending an event › Participating in or organising a conference

**Strategic approaches to product/service-systems: Strategy, design and practice**
McAloone, T. C. (Lecturer)
5 Jun 2012 → 6 Jun 2012
Activity: Talks and presentations › Conference presentations

**NeuroDesign - First workshop (held at DTU)**
Maier, A. (Organizer)
4 Jun 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Teaching, learning and creativity (UDTU): Examples from the lecture theatre – and the design studio**
McAloone, T. C. (Speaker)
27 May 2012
12th International design conference
McAloone, T. C. (Participant)
21 May 2012 → 24 May 2012
Activity: Attending an event › Participating in or organising a conference

Analysis and Design Optimisation of Laminated Composite Structures
Costache, A. (Participant)
21 May 2012 → 25 May 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Ecodesign Maturity Model: a framework to support companies in the selection and implementation of ecodesign practices
(External organisation)
McAloone, T. C. (Participant)
14 May 2012
Activity: Membership › Membership in review committee

PSS Workshop Series
McAloone, T. C. (Participant)
11 May 2012
Activity: Attending an event › Participating in or organising a conference

Tour of Elplatek A/S 2012
Harthøj, A. (Other)
10 Apr 2012
Activity: Talks and presentations › Conference presentations

PROTEUS-Workshops
McAloone, T. C. (Organizer)
20 Mar 2012
Activity: Attending an event › Participating in or organising a conference

Environmentally conscious design of medical devices (External organisation)
McAloone, T. C. (Chairman)
13 Mar 2012
Activity: Membership › Membership in review committee

Monitoring strain path changes by high resolution reciprocal space mapping
Pantleon, W. (Invited speaker)
11 Mar 2012 → 15 Mar 2012
Activity: Talks and presentations › Conference presentations

Creating a business plan
McAloone, T. C. (Lecturer)
6 Mar 2012
Activity: Talks and presentations › Conference presentations

European Robotics Forum 2012
Özkil, A. G. (Organizer)
5 Mar 2012
Activity: Attending an event › Participating in or organising a conference

Cranfield IMRC PSS Dissemination Day
McAloone, T. C. (Participant)
22 Feb 2012
Lektion 4 i 41982, korrosion og materialevalg
Harthøj, A. (Lecturer)
22 Feb 2012
Activity: Talks and presentations › Conference presentations

A Value-centric Decision Making Framework for Maintenance Services Outsourcing (External organisation)
McAloone, T. C. (Chairman)
21 Feb 2012
Activity: Membership › Membership in review committee

The Future of Eco-Innovation
McAloone, T. C. (Participant)
19 Jan 2012 → 20 Jan 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Sekretær i bestyrelse for Dansk Metallurgisk Selskab (External organisation)
Winther, G. (Secretary)
2011 → 2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Danish Electrochemical Society annual meeting 2011
Harthøj, A. (Participant)
29 Sep 2011 → 30 Sep 2011
Activity: Attending an event › Participating in or organising a conference

Omega-3 food emulsions: Control and investigation of molecular structure in relation to lipid oxidation
Jensen, L. H. S. (Lecturer)
26 Sep 2011
Activity: Talks and presentations › Conference presentations

SUR/FIN Manufacturing and Technology Conference 2011
Harthøj, A. (Participant)
13 Jun 2011 → 15 Jun 2011
Activity: Attending an event › Participating in or organising a conference

Omega-3 food emulsions: Control and investigation of molecular structure in relation to lipid oxidation
Jensen, L. H. S. (Lecturer)
9 Jun 2011
Activity: Talks and presentations › Conference presentations

Danish Metallurgical Society symposium 2011
Harthøj, A. (Participant)
6 Jun 2011
Activity: Attending an event › Participating in or organising a conference

Tour at Elplatek 2011
Harthøj, A. (Other)
8 Apr 2011
Activity: Talks and presentations › Conference presentations

New Trends in Applied Geometry
Pederssen, N. L. (Participant)
20 Feb 2011 → 25 Feb 2011
Activity: Attending an event › Participating in or organising a conference
New Trends in Applied Geometry
Gersborg, A. R. (Participant)
20 Feb 2011 → 25 Feb 2011
Activity: Attending an event › Participating in or organising a conference

Dansk Metallurgisk Selskab (External organisation)
Winther, G. (Secretary)
25 Jan 2011 → 25 Jan 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

New Trends in Applied Geometry
Gersborg, A. R. (Participant)
14 Jan 2011
Activity: Attending an event › Participating in or organising a conference

New Trends in Applied Geometry
Pedersen, N. L. (Participant)
14 Jan 2011
Activity: Attending an event › Participating in or organising a conference

Characterization of fish oil emulsions by electron microscopy
Jensen, L. H. S. (Lecturer)
13 Oct 2010
Activity: Talks and presentations › Conference presentations

Characterization of fish oil emulsions by electron microscopy
Jensen, L. H. S. (Lecturer)
5 Jun 2010
Activity: Talks and presentations › Conference presentations

Electron microscopy of fully hydrated soft and liquid samples
Jensen, L. H. S. (Lecturer)
3 Jun 2010
Activity: Talks and presentations › Conference presentations

International Workshop on Optical Waveguide Theory and Numerical Modelling (OWTNM); 19
Sigmund, O. (Speaker)
9 Apr 2010 → 10 Apr 2010
Activity: Talks and presentations › Conference presentations

Electron microscopy of fully hydrated soft and liquid samples
Jensen, L. H. S. (Lecturer)
11 Mar 2010
Activity: Talks and presentations › Conference presentations

Influence of New Sol-gel Refractory Coating on the Casting Properties of Cold Box and Furan Cores for Grey Cast Iron:
Presented at the 69. World Foundry Congress, Hangzhou 2010
Nwaogu, U. C. (Speaker)
1 Jan 2010 → …
Activity: Talks and presentations › Conference presentations

Influence of New Sol-gel Refractory Coating on the Casting Properties of Cold Box and Furan Cores for Grey Cast Iron:
Presented at the 69. World Foundry Congress, Hangzhou 2010
Tiedje, N. S. (Speaker)
1 Jan 2010 → …
3D simulations of self-propelled, video reconstructed jellyfish using vortex methods
Rasmussen, J. T. (Participant)
22 Nov 2009 → 24 Nov 2009
Activity: Attending an event → Participating in or organising a conference

3D simulations of self-propelled, video reconstructed jellyfish using vortex methods
Storti, F. (Participant)
22 Nov 2009 → 24 Nov 2009
Activity: Attending an event → Participating in or organising a conference

Comsol Conference 2008
Sigmund, O. (Participant)
4 Nov 2008 → 6 Nov 2008
Activity: Attending an event → Participating in or organising a conference

Laser operator kursus
Olsen, F. O. (Other)
2 Oct 2008
Activity: Talks and presentations → Guest lectures, external teaching and course activities at other universities

ASME 2008 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference
Sigmund, O. (Participant)
Activity: Attending an event → Participating in or organising a conference

2008 MRS Spring Meeting & Exhibit
Sigmund, O. (Participant)
Activity: Attending an event → Participating in or organising a conference

Laser Operator Kursus
Olsen, F. O. (Other)
14 Feb 2008
Activity: Talks and presentations → Guest lectures, external teaching and course activities at other universities

Design Society Advisory Board (External organisation)
McAloone, T. C. (Participant)
Aug 2007 → …
Activity: Membership → Membership of committees, commissions, boards, councils, associations, organisations, or similar

Selskabet for Maskinteknisk Proces- og Produktionsteknik ( ATV-SEMAPP) (External organisation)
Olsen, F. O. (Chairman)
30 Apr 1998 → 29 Apr 2010
Activity: Membership → Membership of committees, commissions, boards, councils, associations, organisations, or similar

Prizes:

3rd prize winner at Grøn Dyst (Green Challenge) 2016 in the category "Master thesis idea"
Henrik Pieper (Recipient), 24 Jun 2016
Prize: Prizes, scholarships, distinctions
Alexander Foss MADE award
Sara Shafiee (Recipient), 30 Nov 2017
Prize: Prizes, scholarships, distinctions

Civilingeniør Kristian Rasmussen og hustru Gunhild Katrine Rasmussens Fond
Danilo Quagliotti (Recipient), Jan 2017
Prize: Prizes, scholarships, distinctions

DTU’s Young Researcher award
Matteo Villa (Recipient), 31 Oct 2014
Prize: Prizes, scholarships, distinctions

Fabriksejer, Civilingeniør Louis Dreyer Myhrwold og hustru Janne Myhrwolds Fond
Danilo Quagliotti (Recipient), 30 Oct 2015
Prize: Prizes, scholarships, distinctions

Green Challenge 2014
Malene Hovgaard Vested (Recipient), 27 Jun 2014
Prize: Prizes, scholarships, distinctions

Green Talents Award 2015
Maria E. Mondejar Montagud (Recipient), Oct 2015
Prize: Prizes, scholarships, distinctions

Idella Foundation
Danilo Quagliotti (Recipient), 20 Jun 2016
Prize: Prizes, scholarships, distinctions

Otto Mønsteds Fond
Danilo Quagliotti (Recipient), 15 Mar 2016
Prize: Prizes, scholarships, distinctions

Outstanding Reviewer Award
David R. Fuhrman (Recipient), 2015
Prize: Prizes, scholarships, distinctions

Third Price EFC17 Best Paper Awards
Søren Højgaard Jensen (Recipient), Hendrik Langnickel (Recipient), Nils Hintzen (Recipient), Ming Chen (Recipient), Xiufu Sun (Recipient), Anne Hauch (Recipient), Giacomo Butera (Recipient) & Lasse Rengaard Clausen (Recipient), 13 Dec 2017
Prize: Prizes, scholarships, distinctions

Tom Bell Young Author Award
Matteo Villa (Recipient), 21 Apr 2016
Prize: Prizes, scholarships, distinctions

Young Scientist Award: 6th ACE-X Conference, Istanbul, Turkey 2012
Michael Wenani Nielsen (Recipient), 4 Jul 2012
Prize: Prizes, scholarships, distinctions

Press clippings:

Smag på din fremtid: Ny teknologi kommer til at påvirke din hverdag - der forskes bredt. Også i fremtidens øl.
Joe Alexandersen
18/06/2014
1 media contribution
Press / Media