Copenhagen Center for Health Technology - DTU Orbit (23/06/2018)

Copenhagen Center for Health Technology
Center
Organisational unit: Center

Publications:

Workshop on acceleration of the validation and regulatory acceptance of alternative methods and implementation of testing strategies
Publication: Research - peer-review › Journal article – Annual report year: 2018

Aberrant intestinal microbiota in individuals with prediabetes
Publication: Research - peer-review › Journal article – Annual report year: 2018

Accelerating the clean energy revolution - perspectives on innovation challenges: DTU International Energy Report 2018
Publication: Research - peer-review › Report – Annual report year: 2018

Biased Decision Making in Realistic Extra-Procedural Nuclear Control Room Scenarios
Andersen, E., Kozin, I. & Maier, A. 2018
Publication: Research › Conference abstract for conference – Annual report year: 2018

Changes and Sentiment: A Longitudinal E-Mail Analysis of a Large Design Project
Piccolo, S., Wilberg, J., Lindemann, U. & Maier, A. 2018
Publication: Research › Paper – Annual report year: 2018

Design for Health: Towards Collaborative Care
Valentin-Hjorth, J. F., Patou, F., Syhler, N., Vall-Lamora, M. H. D. & Maier, A. 2018
Publication: Research › Paper – Annual report year: 2018

Designing human-robot collaborations in industry 4.0: explorative case studies
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Design process robustness: A bi-partite network analysis reveals the central importance of people
Piccolo, S., Jørgensen, S. L. & Maier, A. 2018 In : Design Science Journal. 4, e1
Publication: Research - peer-review › Journal article – Annual report year: 2018

Differential bacterial capture and transport preferences facilitate co-growth on dietary xylan in the human gut
Publication: Research - peer-review › Journal article – Annual report year: 2018

Effects on metabolic parameters in young rats born with low birth weight after exposure to a mixture of pesticides
Publication: Research - peer-review › Journal article – Annual report year: 2018
2nd International Workshop on Mental Health and Well-being: Sensing and Intervention: sensing and intervention

3.5 W of diffraction-limited green light at 515 nm from SHG of a single-frequency tapered diode laser

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

A Combination of Machine Learning and Cerebellar Models for the Motor Control and Learning of a Modular Robot
Baira Ojeda, I., Tolu, S., Pacheco, M., Christensen, D. J. & Lund, H. H. 2017 Proceedings of the ICAROB International Conference on Artificial Life and Robotics 2017. ALIFE ROBOTICS CO, LTD, 4 p. Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Activity-Based Collaboration for Interactive Spaces

Adaptive control in an artificial pancreas for people with type 1 diabetes

Adaptive Smoothing in fMRI Data Processing Neural Networks

Administration of two probiotic strains during early childhood does not affect the endogenous gut microbiota composition despite probiotic proliferation

A framework of knowledge creation processes in participatory simulation of hospital work systems
Andersen, S. N. & Broberg, O. 2017 In : Ergonomics. 40 p. Publication: Research - peer-review › Journal article – Annual report year: 2017

A least squares approach for efficient and reliable short-term versus long-term optimization
Christiansen, L. H., Capolei, A. & Jørgensen, J. B. 2017 In : Computational Geosciences. 21, 3, p. 411-26. Publication: Research - peer-review › Journal article – Annual report year: 2017

Analysis of DDoS-capable IoT malwares
An effect-directed strategy for characterizing emerging chemicals in food contact materials made from paper and board
Publication: Research - peer-review › Journal article – Annual report year: 2017

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

An introduction to Deep learning on biological sequence data - Examples and solutions
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Riccati-Based Interior Point Method for Efficient Model Predictive Control of SISO Systems
Publication: Research - peer-review › Conference article – Annual report year: 2017

A systematic and practical method for selecting systems engineering tools
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Big Data hvor N=1
Publication: Research › Book chapter – Annual report year: 2017

Can smartphone-based electronic markers discriminate between patients with bipolar disorder, healthy first-degree relatives and healthy control individuals
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2017

Commemorating 25 years of optical coherence tomography: A perspective on biomedical applications
Sampson, D. D., Andersen, P. E., Van Leeuwen, T. & Wang, R. 2017 In : Journal of Biomedical Optics. 22, 12, 2 p., 121700
Publication: Research - peer-review › Editorial – Annual report year: 2018

Comparing three methods for participatory simulation of hospital work systems
Broberg, O. & Andersen, S. N. 2017
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2017

Contact activity and dynamics of the social core
Publication: Research - peer-review › Journal article – Annual report year: 2017

Correlations between human mobility and social interaction reveal general activity patterns
Publication: Research - peer-review › Journal article – Annual report year: 2017

Creating Ultra Dense Point Correspondence Over the Entire Human Head
Cross-Validation of a Glucose-Insulin-Glucagon Pharmacodynamics Model for Simulation using Data from Patients with Type 1 Diabetes

Data-driven engineering design research: Opportunities using open data

DeepLoc: prediction of protein subcellular localization using deep learning

Deep recurrent conditional random field network for protein secondary prediction

Den mikrobielle verden indeni os - En kort introduktion til tarmens mikrobiom
Licht, T. R. 2017 In : Miljø og sundhed. 23, Suppl. 1, p. 3-5

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

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

Distributed co-simulation of embedded control software with exhaust gas recirculation water handling system using INTO-CPS
Economy, Movement Dynamics, and Muscle Activity of Human Walking at Different Speeds
Publication: Research - peer-review › Journal article – Annual report year: 2017

EEG Based Inference of Spatio-Temporal Brain Dynamics
Publication: Research › Ph.D. thesis – Annual report year: 2017
EEG in the classroom: Synchronised neural recordings during video presentation
Publication: Research - peer-review › Journal article – Annual report year: 2017

Effects of Gliadin consumption on the Intestinal Microbiota and Metabolic Homeostasis in Mice Fed a High-fat Diet
Publication: Research - peer-review › Journal article – Annual report year: 2017

Efficient generation of 3.5W laser light at 515nm by frequency doubling a single-frequency high power DBR tapered diode laser
Publication: Research - peer-review › Journal article – Annual report year: 2017

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

End-to-end information extraction without token-level supervision
Publication: Research - peer-review › Journal article – Annual report year: 2017

Engineering Value-Effective Healthcare Solutions: A Systems Design Perspective
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Enhancing User Experience in Next Generation Mobile Devices Using Eye Tracking as a Biometric Sensor
Publication: Research › Ph.D. thesis – Annual report year: 2017

Environmental influences on ovarian dysgenesis - developmental windows sensitive to chemical exposures
Publication: Research - peer-review › Journal article – Annual report year: 2017

Fatty acid composition and phospholipid types used in infant formulas modifies the establishment of human gut bacteria in germ-free mice
Publication: Research - peer-review › Journal article – Annual report year: 2017

First Foods and Gut Microbes
Publication: Research - peer-review › Journal article – Annual report year: 2017

Flexible Method for the Automated Offline-Detection of Artifacts in Multi-Channel Electroencephalogram Recordings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Foreign object detection in multispectral X-ray images of food items using sparse discriminant analysis
Low Cost and Flexible UAV Deployment of Sensors
Publication: Research - peer-review › Journal article – Annual report year: 2017

Medial structure generation for registration of anatomical structures
Publication: Research - peer-review › Book chapter – Annual report year: 2017

Mellemkødet sladrer om skadelige kemikalier
Publication: Research › Journal article – Annual report year: 2017

Microbiota composition of simultaneously colonized mice housed under either a gnotobiotic isolator or individually ventilated cage regime
Publication: Research - peer-review › Journal article – Annual report year: 2017

Modeling Pharmacokinetics and Pharmacodynamics of Glucagon for Simulation of the Glucoregulatory System in Patients with Type 1 Diabetes.
Publication: Research › Ph.D. thesis – Annual report year: 2017

Multi-scale spatio-temporal analysis of human mobility
Publication: Research - peer-review › Journal article – Annual report year: 2017

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

On the Keyhole Hypothesis: High Mutual Information between Ear and Scalp EEG
Mikkelsen, K. B., Kidmose, P. & Hansen, L. K. 2017 In : Frontiers in Human Neuroscience. 11, 9 p., 341
Publication: Research - peer-review › Journal article – Annual report year: 2017

Open semantic analysis: The case of word level semantics in Danish
Nielsen, F. Å. & Hansen, L. K. 2017 Proceedings of 8th Language and Technology Conference . 5 p.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Optical Coherence Tomography
Publication: Research - peer-review › Encyclopedia chapter – Annual report year: 2017

Påvirker pesticider tarmens bakteriesamfund - og hvad kan det betyde for sundheden?
Publication: Research › Journal article – Annual report year: 2017

Playware ABC: Engineering Play for Everybody
Publication: Research - peer-review › Journal article – Annual report year: 2017
Pre-treatment microbial Prevotella-to-Bacteroides ratio, determines body fat loss success during a 6-month randomized controlled diet intervention

Publication: Communication › Conference article – Annual report year: 2018

Reducing the rate and duration of Re-ADMISsions among patients with unipolar disorder and bipolar disorder using smartphone-based monitoring and treatment - the RADMIS trials: Study protocol for two randomized controlled trials

Faurholt-Jepsen, M., Frost, M., Martiny, K., Tuxen, N., Rosenberg, N., Busk, J., Winther, O., Bardram, J. E. & Kessing, L. V. 2017 In : Trials. 18, 1, 13 p., 277
Publication: Research - peer-review › Journal article – Annual report year: 2017

Rethinking Hearing Aid Fitting by Learning From Behavioral Patterns

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

Security And Privacy Issues in Healthcare Monitoring Systems: A Case Study

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

Semi-Supervised Generation with Cluster-aware Generative Models

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

Sensing behaviour in healthcare design

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

Simulation Approach for Timing Analysis of Genetic Logic Circuits

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

Spatial Filter Feature Extraction Methods for P300 BCI Speller: A Comparison

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

Study protocol: effect of playful training on functional abilities of older adults - a randomized controlled trial

Jessen, J. D. & Lund, H. H. 2017 In : Journal of the American Geriatrics Society. 17, 1, 6 p., 27
Publication: Research - peer-review › Journal article – Annual report year: 2017

System-Level Sensitivity Analysis of SiNW-bioFET-Based Biosensing Using Lockin Amplification

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

Test-Driven, Model-Based Systems Engineering.

Publication: Research › Ph.D. thesis – Annual report year: 2017
The Attentional Capture of Colour in Visual Interface Design: A Controlled Environment Study
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

The Internet of Hackable Things
Publication: Research - peer-review › Journal article – Annual report year: 2017

Towards industry strength mapping of AUTOSAR automotive functionality on multicore architectures: work in progress
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Tværfagligt samarbejde eller innovationsprocesser
Publication: Research - peer-review › Book chapter – Annual report year: 2017

Two subgroups of antipsychotic-naive, first-episode schizophrenia patients identified with a Gaussian mixture model on cognition and electrophysiology
Publication: Research - peer-review › Journal article – Annual report year: 2017

Using data- and network science to reveal iterations and phase-transitions in the design process
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Validation of a Simulation Model Describing the Glucose-Insulin-Glucagon Pharmacodynamics in Patients with Type 1 Diabetes
Publication: Research › Poster – Annual report year: 2017

Whole grain-rich diet reduces body weight and systemic low-grade inflammation without inducing major changes of the gut microbiome: a randomised cross-over trial
Publication: Research › Journal article – Annual report year: 2017

Workspace experiments: a journey on planning participatory design
Publication: Research › Article in proceedings – Annual report year: 2017

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

A comprehensive performance analysis of EEMD-BLMS and DWT-NN hybrid algorithms for ECG denoising
Publication: Research › Article in proceedings – Annual report year: 2016
Adaptive gaze stabilization through cerebellar internal models in a humanoid robot
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A framework for geometry acquisition, 3-D printing, simulation, and measurement of head-related transfer functions with a focus on hearing-assistive devices
Publication: Research - peer-review › Journal article – Annual report year: 2016

Algorithms and Methods for High-Performance Model Predictive Control
Publication: Research › Ph.D. thesis – Annual report year: 2016

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

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

Application of a New Robust ECG T-Wave Delineation Algorithm for the Evaluation of the Autonomic Innervation of the Myocardium
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Architecture Synthesis for Cost-Constrained Fault-Tolerant Flow-based Biochips
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A roadmap for evolving towards optical intra-data-center networks
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Assemblages of Patient Safety: Bringing together matters of concern between design and multiple knowledge practices in healthcare
Publication: Research › Ph.D. thesis – Annual report year: 2016

Assessing Levels of Attention Using Low Cost Eye Tracking
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A Survey of Man in the Middle Attacks
Conti, M., Dragoni, N. & Lesyk, V. 2016 In : IEEE Communications Surveys and Tutorials. 18, 3, p. 2027-2051
Automatic Functionality Assignment to AUTOSAR Multicore Distributed Architectures
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Automatic Model Generation Framework for Computational Simulation of Cochlear Implantation
Publication: Research - peer-review › Journal article – Annual report year: 2016

Behavioral activities collected through smartphones and the association with illness activity in bipolar disorder
Publication: Research - peer-review › Journal article – Annual report year: 2015

Characterizing Design Process Interfaces as Organization Networks: Insights for Engineering Systems Management
Publication: Research - peer-review › Journal article – Annual report year: 2016

Publication: Research › Ph.D. thesis – Annual report year: 2016

Cochlear implant electrode localization in post-operative CT using a spherical measure
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Colonic transit time is related to bacterial metabolism and mucosal turnover in the human gut
Publication: Research - peer-review › Journal article – Annual report year: 2016

Controllability and flexibility analysis of CO2 post-combustion capture using piperazine and MEA
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Designing Context-Aware Cognitive Behavioral Therapy for Unipolar and Bipolar Disorders
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016
Evolvable Smartphone-Based Platforms for Point-Of-Care In-Vitro Diagnostics Applications

Experimental Demonstration of Multidimensional Switching Nodes for All-Optical Data Center Networks

Eye-head stabilization mechanism for a humanoid robot tested on human inertial data

Fluorinated alkyl substances and technical mixtures used in food paper-packaging exhibit endocrine-related activity in vitro

Forward Models can be Inferred from EEG Data

Fundamental structures of dynamic social networks

High-resolution kinetics and modeling of hydrogen peroxide degradation in live cells

Infant Gut Microbiota Development Is Driven by Transition to Family Foods Independent of Maternal Obesity

Integrating ergonomics knowledge into business-driven design projects: The shaping of resource constraints in engineering consultancy

Knowledge crossing boundaries

Ladder Variational Autoencoder
Measure of Node Similarity in Multilayer Networks
Publication: Research - peer-review › Journal article – Annual report year: 2016

Mechanisms behind cancer risks associated with consumption of red and processed meat
Publication: Research - peer-review › Report – Annual report year: 2016

Modeling and Prediction Using Stochastic Differential Equations
Publication: Research - peer-review › Book chapter – Annual report year: 2016

Modelling the glucose-insulin-glucagon dynamics after subcutaneous administration of native glucagon and a novel glucagon analogue in dogs
Publication: Research - peer-review › Poster – Annual report year: 2016

Modelling the glucose-insulin-glucagon dynamics after subcutaneous administration of native glucagon and a novel glucagon analogue in dogs
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Model of the Glucose-Insulin-Glucagon Dynamics after Subcutaneous Administration of a Glucagon Rescue Bolus in Healthy Humans
Publication: Research › Poster – Annual report year: 2016

Model of the Glucose-Insulin-Glucagon Dynamics after Subcutaneous Administration of a Glucagon Rescue Bolus in Healthy Humans
Publication: Research › Conference abstract for conference – Annual report year: 2016

Multi-photon microscope driven by novel green laser pump
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Multiple endocrine disrupting effects in rats perinatally exposed to butylparaben
Publication: Research - peer-review › Journal article – Annual report year: 2016

Net-Sights: A Practical Guide: Network insights for collaborative sustainable production
Publication: Research - peer-review › Report – Annual report year: 2016

Neural Markers of Responsiveness to the Environment in Human Sleep
Publication: Research - peer-review › Journal article – Annual report year: 2016
PK/PD modelling of glucose-insulin-glucagon dynamics in healthy dogs after a subcutaneous bolus administration of native glucagon or a novel glucagon analogue
Publication: Research › Report – Annual report year: 2016

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

Predicting the emotions expressed in music
Publication: Research › Ph.D. thesis – Annual report year: 2016

Prediction Methods for Blood Glucose Concentration: Design, Use and Evaluation
Publication: Research › Book – Annual report year: 2016

Real Time Structured Light and Applications
Publication: Research › Ph.D. thesis – Annual report year: 2016

Sequential neural models with stochastic layers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Side Effects of Overdoing It: Lessons from a Comprehensive Hospital Accreditation Programme.
Publication: Research - peer-review › Book chapter – Annual report year: 2016

Software Defined Networking: Applicability and Service Possibilities
Publication: Research › Ph.D. thesis – Annual report year: 2017

Special section on 19th Scandinavian conference on image analysis (SCIA 2015)
Publication: Research › Editorial – Annual report year: 2016

Steady State Visual Evoked Potential Based Brain-Computer Interface for Cognitive Assessment
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Studielederudfordringer ved tværfaglige uddannelser
Wilhjelm, J. E., Henneberg, K-Å. & Eriksen, T. A. 2016
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Surface-enhanced Raman spectroscopic study of DNA and 6-mercaptop-1-hexanol interactions using large area mapping
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016
Synchronization Algorithm for SDN-controlled All-Optical TDM Switching in a Random Length Ring Network

Synchronization in a Random Length Ring Network for SDN-Controlled Optical TDM Switching

The Center for Integrated Molecular Brain Imaging (Cimbi) database

The Personal Health Technology Design Space

Timing Analysis of Genetic Logic Circuits using D-VASim
Baig, H. & Madsen, J. 2016

Transferring in vivo exposure into in vitro assays using silicone to assess the endocrine activity of POPs accumulated in human breast implants

Using Network Science to Support Design Research: From Counting to Connecting

Visualizing Patient Journals by Combining Vital Signs Monitoring and Natural Language Processing

Voice analysis as an objective state marker in bipolar disorder
Faurholt-Jepsen, M., Busk, J., Frost, M., Vinberg, M., Christensen, E. M., Winther, O., Bardram, J. E. & Kessing, L. V. 2016 In : Translational Psychiatry. 6, 7, 8 p., e856

Voice analysis as an objective state marker in bipolar disorder
Wrist-worn pervasive gaze interaction
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

A Bolus Calculator Based on Continuous-Discrete Unscented Kalman Filtering for Type 1 Diabetics
Publication: Research - peer-review › Conference article – Annual report year: 2015

Advanced automated gain adjustments for in-vivo ultrasound imaging
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

A Networked Perspective on the Engineering Design Process: At the Intersection of Process and Organisation Architectures
Publication: Research › Ph.D. thesis – Annual report year: 2015

Automatic Generation of a Computational Model for Monopolar Stimulation of Cochlear Implants
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2015

Bihormonal control of blood glucose in people with type 1 diabetes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Characterization of early and mature electrophysiological biomarkers of patients with Parkinson’s disease
Christensen, J. A. E., Sørensen, H. B. D., Jennnum, P., Rahn Christensen, S. & Arvastson, L. 2015 Technical University of Denmark, Department of Electrical Engineering. 185 p.
Publication: Research › Ph.D. thesis – Annual report year: 2015

Cochlear Implant Planning, Selection and Simulation with Patient Specific Data
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2015

Comparison of Prediction Models for a Dual-Hormone Artificial Pancreas
Publication: Research - peer-review › Conference article – Annual report year: 2015

Control of a post-combustion CO₂ capture plant during process start-up and load variations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Control Plane Strategies for Elastic Optical Networks
Publication: Research › Ph.D. thesis – Annual report year: 2015
Cyber Resilience for the Shipping Industry (CyberShip)
Barfod, M. B., Psaraftis, H. N., Jensen, C. D., Sepúlveda Estay, D. A. & Sahay, R.
01/09/2017 → 31/08/2019

Future risk assessment of chemicals (MIraculiX)
Vinggaard, A. M., Taxvig, C., Svingen, T., Boberg, J. & Bonomo, S.
02/01/2017 → 31/12/2018

GazeIT – Accessibility by Gaze Trackning
Hansen, J. P.
01/04/2016 → 31/03/2021

Human Brain Project. Subproject 10 Neurorobotics Platform - SGA1
Tolu, S., Lund, H. H., Capolei, M. C. & Corchado Miralles, C.
01/04/2016 → 01/04/2018

Reducing the rate and duration of re-admission among patients with unipolar and bipolar disorder using smartphone-based monitoring and treatment
Bardram, J. E. & Winther, O.
01/03/2016 → 01/09/2019

Activities:

Characterizing molecular mechanisms for short anogenital distance
Schwartz, C. V. L. (Speaker), Vinggaard, A. M. (Other), Svingen, T. (Other)
4 Jun 2018 → 6 Jun 2018
Activity: Talks and presentations › Conference presentations

Characterizing novel molecular mechanisms for short AGD – a biomarker of fetal testicular function
Schwartz, C. V. L. (Speaker), Vinggaard, A. M. (Other), Christiansen, S. (Other), Frederic Chalmel (Other), Svingen, T. (Other)
23 May 2018 → 27 May 2018
Activity: Talks and presentations › Conference presentations

Glyphosate alone does not adversely affect testicular androgen function in mature rats
Johansson, H. K. L. (Other), Nielsen, L. N. (Other), Vinggaard, A. M. (Other), Bahl, M. I. (Other), Svingen, T. (Speaker)
23 May 2018 → 27 May 2018
Activity: Talks and presentations › Conference presentations

Invited Speaker Design Debate at 15th International Design Conference (DESIGN2018)
Maier, A. (Invited speaker)
21 May 2018 → 24 May 2018
Activity: Talks and presentations › Conference presentations

Concerns and tradeoff in privacy and safety of sensor-based monitoring of older people living at home
Ehrari, H. (Other), Andersen, H. B. (Other), Carl Johan Langberg (Other)
9 May 2018
Activity: Talks and presentations › Conference presentations
Journal of Engineering Design (Journal)
Maier, A. (Editor)
1 Jan 2018 → …
Activity: Research › Journal editor

Towards New Affect Integrated Interaction Design (Event)
Maier, A. (External examiner)
23 Oct 2017
Activity: Examinations and supervision › External examination

High power diode lasers converted to the visible
Jensen, O. B. (Invited speaker), Hansen, A. K. (Invited speaker), Andersen, P. E. (Guest lecturer), Christensen, M. (Guest lecturer), André Müller (Invited speaker), Mahmoud Tawfiq (Invited speaker), Bernd Sumpf (Invited speaker), Petersen, P. M. (Invited speaker)
11 Oct 2017
Activity: Talks and presentations › Conference presentations

ICED17: 21st International Conference on Engineering Design
Maier, A. (Chairman)
21 Aug 2017 → 25 Aug 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Change or be changed: Resilience in socio-technical systems (Event)
Maier, A. (External examiner)
4 Jul 2017
Activity: Examinations and supervision › External examination

Management Team Copenhagen Center for Health Technology (Event)
Maier, A. (Member)
1 Jul 2017 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

PhD Assessment Committee Aalborg University (External organisation)
Broberg, O. (Participant)
2 Jun 2017
Activity: Membership › Membership in review committee

Mechanisms of action involved in chemically induced effects on male reproductive health
Schwartz, C. V. L. (Speaker), Christiansen, S. (Other), Vinggaard, A. M. (Other), Svingen, T. (Other)
30 Mar 2017 → 31 Mar 2017
Activity: Talks and presentations › Conference presentations

Annual Design Society Board of Management and Advisory Board Meeting (Event)
Maier, A. (Participant)
13 Mar 2017 → 17 Mar 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICED17: 21st International Conference on Engineering Design (Event)
Broberg, O. (Participant)
Jan 2017 → Aug 2017
Activity: Membership › Membership in review committee

Engineering Systems Design - International Research Seminar at DTU
Oehmen, J. (Organizer), Maier, A. (Organizer)
12 Jan 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
Den Bibliometriske Forskningsindikator: Faggruppe 45 - System- og teknologiudvikling, serviceudvikling og facilities management, entreprenørforskning (External organisation)
Maier, A. (Participant)
1 Jan 2017 → 31 Dec 2019
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Design Science Journal (Journal)
Maier, A. (Editor)
1 Jan 2017 → …
Activity: Research › Journal editor

Vice-Chair, ISMRM study group on Detection & Correction of Motion in MRI & MRS (External organisation)
Hanson, L. G. (Participant)
2016 → 2017
Activity: Membership › Membership of research networks or expert groups

PhD opponent Chalmers University of Technology (External organisation)
Broberg, O. (External examiner)
6 Dec 2016
Activity: Examinations and supervision › External examination

Participatory Simulation in Hospital Work System Design (External organisation)
Maier, A. (Chairman)
29 Nov 2016
Activity: Membership › Membership in review committee

XIIth International Symposium on Human Factors in Organizational Design and Management (ODAM) (External organisation)
Broberg, O. (Participant)
Sep 2016 → Aug 2017
Activity: Membership › Membership in review committee

Mapping of design capacity in Denmark
Broberg, O. (Participant)
21 Sep 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

1st Engineering Systems Design & Data Science: EuroTech Alliance DTU-TUM Workshop in Munich
Maier, A. (Speaker)
19 Sep 2016 → 20 Sep 2016
Activity: Talks and presentations › Conference presentations

Risks related to static magnetic fields
Hanson, L. G. (Invited speaker)
1 Sep 2016
Activity: Talks and presentations › Conference presentations

Net-Sights: Data-driven network insights @ Big Data Business Academy
Maier, A. (Invited speaker)
21 Jun 2016
Activity: Talks and presentations › Conference presentations

Late-life effects on testosterone production following in utero exposure to the pesticide fludioxonil
Svingen, T. (Speaker), Taxvig, C. (Other), Boberg, J. (Other), Jorma Toppari (Other), Hass, U. (Other), Vinggaard, A. M. (Other)
11 Jun 2016 → 15 Jun 2016
Activity: Talks and presentations › Conference presentations

14th International Design Conference
Maier, A. (Participant)
16 May 2016 → 19 May 2016
Activity: Attending an event › Participating in or organising a conference

Future of Design Research @ Workshop Design Research: 10 Years On
Maier, A. (Invited speaker)
16 May 2016
Activity: Talks and presentations › Conference presentations

CESUN Europe Event
Maier, A. (Participant)
21 Apr 2016 → 22 Apr 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Annual Design Society Board of Management and Advisory Board Meeting (External organisation)
Maier, A. (Participant)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Design Science Journal (Journal)
Maier, A. (Editor)
1 Feb 2016 → …
Activity: Research › Journal editor

advanced NMR spectroscopy
Hanson, L. G. (Lecturer)
19 Jan 2016
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

A framework for conceptualisation for PSS solutions - On network-based development models (External organisation)
Maier, A. (Chairman)
18 Jan 2016
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

PhD Assessment Committee Aalborg University (External organisation)
Broberg, O. (Participant)
2015
Activity: Membership › Membership in review committee

Secretary, ISMRM study group on Detection & Correction of Motion in MRI & MRS (External organisation)
Hanson, L. G. (Participant)
2015 → 2016
Activity: Membership › Membership of research networks or expert groups

Designing Engineering Systems
Maier, A. (Keynote speaker)
4 Dec 2015
Activity: Talks and presentations › Conference presentations

Risk in MRI associated with the static B0 field
Hanson, L. G. (Invited speaker)
19 Nov 2015
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Engineering Systems: Designing Connections
Maier, A. (Invited speaker)
30 Oct 2015
Activity: Talks and presentations › Conference presentations

Gaze interaction with textual user interface
Hansen, J. P. (Lecturer)
21 Aug 2015
Activity: Talks and presentations › Conference presentations

Programme Committee Chair for ICED17 21st International Conference on Engineering Design (External organisation)
Maier, A. (Chairman)
30 Jul 2015 → 25 Aug 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

MRI simulation for sequence development, protocol optimisation, and education
Hanson, L. G. (Organizer)
29 Jun 2015 → 1 Jul 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Bisphenol A and five structural analogues induce adipocyte differentiation and other obesity-related endpoints in 3T3-L1 cells
Ramskov Tetzlaff, C. N. (Other), Svingen, T. (Other), Vinggaard, A. M. (Other), Taxvig, C. (Other)
27 Apr 2015 → 30 Apr 2015
Activity: Talks and presentations › Conference presentations

Effects of chemical mixtures on female reproductive endpoints
Johansson, H. K. L. (Other), Vinggaard, A. M. (Other), Svingen, T. (Other), Hass, U. (Other), Boberg, J. (Other)
27 Apr 2015 → 30 Apr 2015
Activity: Talks and presentations › Conference presentations

Emerging Chemicals in food packaging - toxicological profiling of knowns and unknowns
Rosenmai, A. K. (Other), Linda Bengström (Other), Barbara van Vuigt-Lussenburg (Other), Petersen, J. H. (Other), Taxvig, C. (Other), Svingen, T. (Other), Laurianne Lesné (Other), Binderup, M. (Speaker), Dybdahl, M. (Other), Ramskov Tetzlaff, C. N. (Other), Bernard Jégou (Other), Trier, X. (Other), Vinggaard, A. M. (Speaker)
27 Apr 2015 → 30 Apr 2015
Activity: Talks and presentations › Conference presentations

Mixture effects of twenty-seven environmental contaminants given to rats at doses comparable to human exposure
Hadrup, N. (Other), Svingen, T. (Other), Karen Riiber Mandrup (Other), Hanne Frederiksen (Other), Skov, K. (Other), Frandsen, H. L. (Other), Vinggaard, A. M. (Other)
27 Apr 2015 → 30 Apr 2015
Activity: Talks and presentations › Conference presentations

Member of the ESMRMB Nomination and Awards Committee (External organisation)
Hanson, L. G. (Participant)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

PhD Evaluation Committee Luleå University of Technology (External organisation)
Broberg, O. (Participant)
2012
Activity: Membership › Membership in review committee
Member of Programme Committee, ENERGIX, Research Council of Norway (External organisation)
Jørgensen, B. H. (Participant)
Sep 2012 → Sep 2016
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

PhD opponent Chalmers University of Technology, Sweden (External organisation)
Broberg, O. (External examiner)
2011
Activity: Examinations and supervision › External examination

Design Society Advisory Board (Event)
Maier, A. (Chairman)
15 Aug 2011 → 14 Aug 2022
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Prizes:

Human Factors Engineering and Systems Design with Federal University of Rio de Janeiro/COPPE: International Network Program
Ole Broberg (Recipient), Jun 2013
Prize: Prizes, scholarships, distinctions

IEA Fellow
Ole Broberg (Recipient), 2016
Prize: Prizes, scholarships, distinctions

Industrial PhD scholarship with Alectia Consulting: Integration of human factors knowledge into engineering design processes
Ole Broberg (Recipient), 2009
Prize: Prizes, scholarships, distinctions

Method for knowledge transfer from the operations phase of offshore units into design, planning, and optimization
Ole Broberg (Recipient), 2014
Prize: Prizes, scholarships, distinctions

Methods for employee participation in product innovation.
Ole Broberg (Recipient), 2014
Prize: Prizes, scholarships, distinctions

Nordic Ergonomics Society Great Prize
Ole Broberg (Recipient), 2004
Prize: Prizes, scholarships, distinctions

PhD Scholarship: Interactive simulation: A new means for promoting occupational health and safety in the hospital sector.
Ole Broberg (Recipient), 2013
Prize: Prizes, scholarships, distinctions

Promoting the occupational health services efforts in relation to technological changes in companies
Ole Broberg (Recipient), 2001
Prize: Prizes, scholarships, distinctions

Scholarship awarded by the H-STAR program
Ole Broberg (Recipient), 1 Sep 2009
Prize: Prizes, scholarships, distinctions
Workspace Design II: Development of a new dialogue-oriented design practice
Ole Broberg (Recipient), 2010
Prize: Prizes, scholarships, distinctions

Workspace Design I: User Involvement and work life integration into technological and organizational change processes.
Ole Broberg (Recipient), 2005
Prize: Prizes, scholarships, distinctions

Press clippings:

Faldende sædkvalitet og stigende forekomst af kryptorkisme i hunde
Anne Marie Vinggaard
16/11/2017
1 item of media coverage
Press / Media

Health Innovation: System Design for Behaviour Change
Anja Maier
16/11/2017
1 media contribution
Press / Media

Effekterne af en fuldkornskost på sundhed og tarmbakterier
Tine Rask Licht
08/11/2017
1 item of media coverage
Press / Media

Effekterne af en fuldkornskost på sundhed og tarmbakterier
Tine Rask Licht
03/11/2017
1 item of media coverage
Press / Media

Effekterne af en fuldkornskost på sundhed og tarmbakterier
Tine Rask Licht
01/11/2017
1 item of media coverage
Press / Media

Sundhedsskadelige stoffer i fødevarekontaktmateriale
Anne Marie Vinggaard
19/09/2017
1 item of media coverage
Press / Media

Tarmbakterier og væggtab
Tine Rask Licht
12/09/2017
1 item of media coverage
Press / Media

Sundhedsskadelige stoffer i fødevarekontaktmateriale
Anne Marie Vinggaard
07/09/2017
Tarmbakterier
Tine Rask Licht
06/09/2017
1 item of media coverage
Press / Media

Tarmbakterier og hjertesundhed
Tine Rask Licht
15/08/2017
1 item of media coverage
Press / Media

DTU Fødevareinstituttets studie af tarmbakterier og fedme
Tine Rask Licht
16/01/2017
1 media contribution
Press / Media

Tarmbakterier og kostomsætning
Tine Rask Licht
11/01/2017
1 media contribution
Press / Media

Kommenteret irsk studie om stress og bifidobakterier
Tine Rask Licht
11/01/2017
1 media contribution
Press / Media

Tarmbakterier og sunhed
Tine Rask Licht
21/12/2016
1 media contribution
Press / Media

Tarmbakterier, fedme, mus
Tine Rask Licht
15/12/2016
1 media contribution
Press / Media

Tarmbakterier, fedme, mus
Tine Rask Licht
07/12/2016
1 media contribution
Press / Media

Tarmbakteriers påvirkning af forbrændingen
Tine Rask Licht
30/11/2016
1 media contribution
Press / Media
Tarmbakteriers påvirkning af forbrændingen
Tine Rask Licht
28/11/2016
1 media contribution
Press / Media

Information om brug af fluorstoffer og deres toksicitet
Anne Marie Vinggaard
05/10/2016
1 media contribution
Press / Media

Tarmbakterier
Tine Rask Licht
12/09/2016
1 media contribution
Press / Media

24 spørgsmål til professoren
Tine Rask Licht
02/09/2016
1 media contribution
Press / Media

Cocktail effekter og fødevarekontaktmaterialer
Anne Marie Vinggaard
29/08/2016
1 media contribution
Press / Media

Transittidsstudiet
Tine Rask Licht
24/08/2016
1 media contribution
Press / Media

kogebog med 'god mad til tarmens bakterier'
Tine Rask Licht
18/08/2016
1 media contribution
Press / Media

mælkesyrebakterier
Tine Rask Licht
04/08/2016
1 media contribution
Press / Media

Transittid
Tine Rask Licht
28/06/2016
1 media contribution
Press / Media

Transittid
Tine Rask Licht
27/06/2016
1 media contribution
Press / Media

**Transittid**
Tine Rask Licht  
27/06/2016  
1 media contribution  
Press / Media

**Farmakonomen**
Tine Rask Licht  
02/05/2016  
1 media contribution  
Press / Media

**bakteriesamfund**
Tine Rask Licht  
30/03/2016  
1 media contribution  
Press / Media

**Ny undersøgelse vedr. Round Up og hjælpestoffers effekt på aromatase aktivitet**
Anne Marie Vinggaard  
03/03/2016  
1 media contribution  
Press / Media

**Kost, tarmflora, småbørn**
Tine Rask Licht  
18/02/2016  
1 media contribution  
Press / Media

**Smartphones and watches under the researcher's microscope**
Julia Rosemary Thorpe  
20/11/2015  
1 media contribution  
Press / Media

**Tarmbakteriers betydning for sundheden**
Tine Rask Licht  
21/12/1800  
1 media contribution  
Press / Media