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Publication: Research - peer-review › Journal article – Annual report year: 2011

Social playware for mediating teleplay interaction over distance
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Spacio-temporal situation assessment for mobile robots
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Stochastic Automata for Outdoor Semantic Mapping using Optimised Signal Quantisation
Publication: Research - peer-review › Journal article – Annual report year: 2011

Terrain Mapping and Obstacle Detection Using Gaussian Processes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

The Assemble and Animate Control Framework for Modular Reconfigurable Robots
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Towards Competitive Commercial Autonomous Robots: The Configuration Problem
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Towards Python-based Domain-specific Languages for Self-reconfigurable Modular Robotics Research
Moghadam, M., Christensen, D. J., Brandt, D. & Schultz, U. P. 2011 DSLRob’11.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Using an Agent-oriented Framework for Supervision, Diagnosis and Prognosis Applications in Advanced Automation Environments
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011
A Functional HAZOP Methodology
Publication: Research - peer-review › Journal article – Annual report year: 2010

Agent Based Control of Electric Power Systems with Distributed Generation
Publication: Research › Ph.D. thesis – Annual report year: 2010

A model-based approach for fault-tolerant control
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

An adaptive exposure algorithm for stereo imaging and its performance in an orchard
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Autonomous Rule Based Robot Navigation In Orchards
Andersen, J. C., Ravn, O. & Andersen, N. A. 2010 IAV 2010. International Federation of Automatic Control
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Contextualised ICT4D: a Bottom-Up Approach
Publication: Research › Book chapter – Annual report year: 2010

Control switching in high performance and fault tolerant control
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Derivative free filtering using Kaltool
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Derivative free Kalman filtering used for orchard navigation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Diagnosis of UAV Pitot Tube Defects Using Statistical Change Detection
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Fault Isolation and quality assessment for shipboard monitoring
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Fault Isolation for Shipboard Decision Support
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Knowledge representation for integrated plant operation and maintenance
Robotic Art for Wearable
Publication: Research › Article in proceedings – Annual report year: 2010

Robust stability in predictive control with soft constraints
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Satellite Dynamics and Control in a Quaternion Formulation (2nd edition)
Blanke, M. & Larsen, M. B. 2010 Technical University of Denmark, Department of Electrical Engineering. 50 p.
Publication: Research - peer-review › Report – Annual report year: 2010

Self-Reconfigurable Robots: An Introduction
Publication: Research - peer-review › Book – Annual report year: 2010

Ship Roll Motion Control
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Stereo vision with texture learning for fault-tolerant automatic baling
Blas, M. R. & Blanke, M. 2010 In : Computers and Electronics in Agriculture. 75, 1, p. 159-168
Publication: Research - peer-review › Journal article – Annual report year: 2011

Stochastic wind turbine control in multiblade coordinates
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

System-Awareness for Agent-based Power System Control
Publication: Research › Article in proceedings – Annual report year: 2010

Visual Navigation for Mobile Robots
Publication: Research - peer-review › Book chapter – Annual report year: 2010

Wearing the Playware
Publication: Research › Article in proceedings – Annual report year: 2010

Maintenance Free and Sustainable High-Level Control In Cement and Mining Industry
Publication: Research › Ph.D. thesis – Annual report year: 2009

A Concept for fault tolerant controllers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009
Active Fault Diagnosis - A Stochastic Approach
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Active Fault Diagnosis for Systems with Reduced Model Information
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2009

Active Fault Isolation and Estimation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Active system monitoring applied on wind turbines
Publication: Research › Article in proceedings – Annual report year: 2009

Agent Services for Situation Aware Control of Power Systems With Distributed Generation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

A Goal Based HAZOP Assistant
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Attenuating wind turbine loads through model based individual pitch control
Publication: Research › Article in proceedings – Annual report year: 2009

Autonomous Tractor Navigation in Orchard - Diagnosis and Supervision for Enhanced Availability
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Challenges to Cognitive Systems Engineering; Understanding Qualitative Aspects of Control Actions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Combining Stochastic Automata and Classification Techniques for Supervision and Safe Orchard Navigation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Comparing mobile robot localisation algorithms using Kalmtool
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009
Control architecture of power systems: Modeling of purpose and function
Publication: Research › Article in proceedings – Annual report year: 2009

Control by damping Injection of Electrodynamic Tether System in an Inclined Orbit
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Controller Architectures for Switching
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2009

Designing Modular Robotic Playware
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Detection of Parametric Roll Resonance on Ships from Indication of Nonlinear Energy Flow
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

DIAGNOSIS OF PITCH AND LOAD DEFECTS
Blanke, M., Dalsgaard, S. & Brath, P. 2009
Publication: Research › Patent – Annual report year: 2009

Discussion on: "Structural Analysis of the Partial State and Input Observability for Structured Linear Systems. Application to Distributed Systems"
Izadi-Zamanabadi, R. & Blanke, M. 2009 In : European Journal of Control. 15, 5, p. 519-520
Publication: Research - peer-review › Journal article – Annual report year: 2009

FaultBuster: data driven fault detection and diagnosis for industrial systems
Bergantino, N., Caponetti, F. & Longhi, S. 2009 7th Workshop on Advanced Control and Diagnosis. p. 46
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Fault Detection for Shipboard Monitoring – Volterra Kernel and Hammerstein Model Approaches
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Fault Monitoring and Fault Recovery Control for Position Moored Tanker
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Fault-tolerant 3D Mapping with Application to an Orchard Robot
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Fault tolerant control - a residual based set-up
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009
Fault Tolerant Software: a Multi Agent System Solution
Caponetti, F., Bergantino, N. & Longhi, S. 2009 7th IFAC Symposium on Fault Detection, Supervision and Safety of Technical Processes. p. 1539-1544
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Future Challenges of the Danish Power System: Results of Ecogrid.dk - Phase 1
Publication: Research › Article in proceedings – Annual report year: 2009

Improving Oestrus Detection in Dairy Cows by Combining Statistical Detection with Fuzzy Logic Classification
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Interconnection of subsystems in closed-loop systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Kalmtool used for laser scanner aided navigation in orchard
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Landbrugserobotter på vej
Jørgensen, S. B. (ed.) & Ravn, O. 2009 In : FoodDTU Midt i Ugen. 104
Publication: Communication › Journal article – Annual report year: 2009

Mapping, Navigation, and Learning for Off-Road Traversal
Publication: Research - peer-review › Journal article – Annual report year: 2009

MES Development Framework: Concepts, Ideas, Implementation
Caponetti, F. & Papaleo, M. 2009
Publication: Research › Sound/Visual production (digital) – Annual report year: 2009

Mission Management for Mobile Robots
Beck, A. B., Andersen, N. A. & Ravn, O. 2009
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2009

Mobile Robot Navigation in a Corridor Using Visual Odometry
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Modular playware as a playful diagnosis tool for autistic children
Publication: Research › Article in proceedings – Annual report year: 2009

Modular robotics for playful physiotherapy
Publication: Research › Article in proceedings – Annual report year: 2009
Modular Robotic System as Multisensory Room in Children’s Hospital
Publication: Research › Article in proceedings – Annual report year: 2009

Modular robotic tiles: experiments for children with autism
Publication: Research › peer-review › Journal article – Annual report year: 2009

Modular Robotic Wearable
Lund, H. H. & Pagliarini, L. 2009 Proceedings of 14th International Symposium on Artificial Life and Robotics (AROB’14), ISAROB.
Publication: Research › peer-review › Article in proceedings – Annual report year: 2009

Music-Making and Musical Comprehension with Robotic Building Blocks
Publication: Research › peer-review › Article in proceedings – Annual report year: 2009

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Publication: Research › peer-review › Article in proceedings – Annual report year: 2009

Parametric Roll Resonance Detection using Phase Correlation and Log-likelihood Testing Techniques
Publication: Research › peer-review › Article in proceedings – Annual report year: 2009

Playtesting the Digital Playground
Publication: Research › Article in proceedings – Annual report year: 2009

Playware e robotica modulare per il gioco
Lund, H. H. 2009 In : TD Tecnologie Didattiche. 47, 2
Publication: Research › Journal article – Annual report year: 2009

Reasoning about Control Situations in Power Systems
Publication: Research › peer-review › Article in proceedings – Annual report year: 2009

Robust Adaptive Backstepping Control Design for a Nonlinear Hydraulic-Mechanical System
Publication: Research › peer-review › Article in proceedings – Annual report year: 2009

Safe and Reliable - Further Development of a Field Robot
Publication: Research › peer-review › Article in proceedings – Annual report year: 2009
Stabilisation of Parametric Roll Resonance by Combined Speed and Fin Stabiliser Control
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Stabilization of Parametric Roll Resonance with Active U-Tanks via Lyapunov Control Design
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Stabilization of periodic solutions in a tethered satellite system by damping injection
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Stochastic wind turbine modeling for individual pitch control
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Structural Analysis Extended with Active Fault Isolation - Methods and Algorithms
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

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Pagliarini, L. & Lund, H. H. 2009 In : Artificial Life and Robotics. 13, 2, p. 401-405
Publication: Research - peer-review › Journal article – Annual report year: 2009

The Role of Modular Robotics in Mediating Nonverbal Social Exchanges
Publication: Research - peer-review › Journal article – Annual report year: 2009

Towards a Danish power system with 50% wind: — Smart grids activities in Denmark
Publication: Research › Article in proceedings – Annual report year: 2009

Towards a modern concept for teaching control engineering
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

High Performance Low Cost Digitally Controlled Power Conversion Technology
Publication: Research › Ph.D. thesis – Annual report year: 2008

Stability Analysis of the Parametric Roll Resonance under Non-constant Ship Speed
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

Context-Aware user interfaces in automation
Publication: Research › Ph.D. thesis – Annual report year: 2007
Mobile Robot Navigation
Andersen, J. C., Ravn, O. & Andersen, N. A. Jan 2007
Publication: Research › Ph.D. thesis – Annual report year: 2007

A Unified Approach to Controllability Analysis for Hybrid Control Systems
Publication: Research › peer-review › Journal article – Annual report year: 2007

Traversable terrain classification for outdoor autonomous robots using single 2D laser scans
Publication: Research - peer-review › Journal article – Annual report year: 2006

Advanced Neural Network Engine Control
Luther, J. B. & Hendrick, E. Mar 2005
Publication: Research › Ph.D. thesis – Annual report year: 2005

Design of Process Displays based on Risk Analysis Techniques
Paulsen, J. L. & Lind, M. Feb 2005 Risø National Laboratory. 144 p. (Risø-PhD; No. 8(EN)).
Publication: Research › Ph.D. thesis – Annual report year: 2005

A fault tolerant control approach for descriptor systems
Publication: Research › Article in proceedings – Annual report year: 2005

Autonomous Robot Navigation in Public Nature Park
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

Compact and Accurate Turbocharger Modelling for Engine Control
Publication: Research - peer-review › Conference article – Annual report year: 2005

Modeling Goals and Functions of Control and Safety Systems in {MFM
Publication: Research › Article in proceedings – Annual report year: 2005

Pay-load Estimation of a 2 DOF Flexible Link Robot
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

Terrain Classification for Outdoor Autonomous Robots using 2D Laser Scans.: Robot perception for dirt road navigation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

Description of composite actions - Towards a formalization of safety functions
Publication: Research › Report – Annual report year: 2004

Evaluering af grænseflader til klimastyring i svineslade
Publication: Research › Report – Annual report year: 2004
Fault tolerant controllers for sampled-data systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

Loss optimizing low power 50 Hz transformers intended for AC/DC standby power supplies
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

Optimizing efficiency on conventional transformer based low power AC/DC standby power supplies
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

Analysis and design of controllers for a double inverted pendulum
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

Making Sense of the Abstraction Hierarchy in the Power Plant Domain
Publication: Research - peer-review › Journal article – Annual report year: 2003

The Internal Combustion Engine Modelling: Modelling, Estimation and Control Issues
Publication: Research › Ph.D. thesis – Annual report year: 2002

Mathematical Ship Modeling for Control Applications.
Publication: Research › Report – Annual report year: 2002

Promoting and Opposing
Publication: Research › Report – Annual report year: 2002

An ultra low-power off-line APDM-based switchmode power supply with very high conversion efficiency
Publication: Research - peer-review › Article in proceedings – Annual report year: 2001

Fault diagnosis for non-minimum phase systems using ℋ∞ optimization
Publication: Research - peer-review › Article in proceedings – Annual report year: 2001

NNSYSID and NNCTRL Tools for system identification and control with neural networks
Nørgaard, M., Ravn, O. & Poulsen, N. K. 2001 In : Computing & control engineering journal. 12, 1, p. 29-36
Publication: Research - peer-review › Journal article – Annual report year: 2001

Pay-load estimation of a 2DOF flexible link robot using a delta-operator technique
Publication: Research - peer-review › Article in proceedings – Annual report year: 2001

Design of fault detectors using ℋ∞ optimization
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000
Robust fault detection in open loop vs. closed loop
Publication: Research › Journal article – Annual report year: 1997

The Emergence of Levels of Abstraction in Complex Systems
Lind, M. 1997 In : Culture & History. 15, p. 96-107
Publication: Research - peer-review › Journal article – Annual report year: 1997

μ-synthesis for the coupled mass benchmark problem
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

Status and Challenges of Intelligent Plant Control
Lind, M. 1996 In : Annual Reviews in Control. 20, p. 23-41
Publication: Research - peer-review › Journal article – Annual report year: 1996

An introduction to the special issue on loop transfer recovery
Niemann, H. H. 1995 In : International Journal of Robust and Nonlinear Control. 5, p. 611-613
Publication: Research › Journal article – Annual report year: 1995

LTR Design of proportional integral observers
Publication: Research - peer-review › Journal article – Annual report year: 1995

LTR design of proportional-integral observers
Publication: Research - peer-review › Journal article – Annual report year: 1995

Robust Performance of Systems with Structured Uncertainties in State Space
Publication: Research - peer-review › Journal article – Annual report year: 1995

General predictive control using the delta operator
Publication: Research - peer-review › Article in proceedings – Annual report year: 1993

H-infinity Optimization of the Recovery Matrix
Publication: Research - peer-review › Journal article – Annual report year: 1993

State-space solutions to the h_infltr design problem
Publication: Research - peer-review › Journal article – Annual report year: 1993

Higher Order Continous SI Engine Observers
Publication: Research - peer-review › Article in proceedings – Annual report year: 1992
The evolution of CACSD tools-a software engineering perspective
Publication: Research - peer-review › Article in proceedings – Annual report year: 1992

Loop transfer recovery for general observer architecture
Publication: Research - peer-review › Journal article – Annual report year: 1991

Real-time adaptive control using CPAS on a MC68010-based process computer
Publication: Research - peer-review › Article in proceedings – Annual report year: 1991

An Analysis Of Pole/zero Cancellation In LTR-based Feedback Design
Publication: Research - peer-review › Article in proceedings – Annual report year: 1990

Continuous Identification of a Four-Stroke SI Engine
Publication: Research - peer-review › Article in proceedings – Annual report year: 1990

On user-friendly interface construction for CACSD packages
Publication: Research - peer-review › Article in proceedings – Annual report year: 1989

New Results in Discrete-Time Loop Transfer Recovery
Publication: Research - peer-review › Article in proceedings – Annual report year: 1988

Stability Margins for Discrete-Time Optimal Regulators
Publication: Research - peer-review › Article in proceedings – Annual report year: 1988

The Impact of Analog and Bang-Bang Steering Gear Control on Ship's Fuel Economy
Publication: Research - peer-review › Article in proceedings – Annual report year: 1982

Electrical Resistivity Investigations on Metallic Rare-Earths
Publication: Research › Book chapter – Annual report year: 1980

Temperature Variation of the Magnetic Structure of HoSb
Publication: Research › Journal article – Annual report year: 1980

Projects:

Human Brain Project. Subproject 10 Neurorobotics Platform (HBP) - SGA2
Tolu, S., Capolei, M. C., Corchado Miralles, C. & Lund, H. H.
02/04/2018 → 01/04/2020
Project

Electronic Outlook
Blanke, M. & Hansen, S.
A Biomimetic Learning Control Scheme for control of Modular Robots
Tolu, S.
16/01/2017 → 14/01/2019
Project

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
Project

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

ERIGrid: European Research Infrastructure supporting Smart Grid Systems Technology Development, Validation and Roll Out
Kosek, A. M., Gehrke, O., Bondy, D. E. M., Bindner, H. W. & Heussen, K.
01/11/2015 → 30/04/2020
Project

Use of Multilevel Flow Modelling for on-line supervision in the oil and gas industry
Ravn, O., Lind, M. & Zhang, X.
01/05/2015 → 01/09/2015
Project

Dynamic Propeller Shaft Speed Control
Galeazzi, R. & Andersen, P.
01/04/2015 → 01/05/2017
Project

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

Fault-Tolerant Control with Coarse Models in industrial Application
Papageorgiou, D., Blanke, M. & Niemann, H. H.
15/08/2014 → 15/08/2017
Project

SALVAGE: Cyber-physICAl security for Low-VolTAGE grids
Kosek, A. M., Gehrke, O., Heussen, K. & Prostejovsky, A. M.
01/04/2014 → 01/04/2017
Project

Kunstig intelligence og sprogudvikling
Jessen, J. D.
01/02/2014 → 30/11/2014
Project
European Liaison on Electricity grid Committed Towards long-term Research Activities
01/12/2013 → 28/02/2018
Project

Play for Children with Disabilities
Jessen, J. D.
19/05/2013 → 18/05/2018
Project

RTLabOS: Phase I - Exploring software infrastructure for smart grid labs
01/04/2013 → 20/12/2014
Project

Optimal sizing and control of balancing power in the future European system considering transmission system constraints
Andersson, G., Østergaard, J. & Heussen, K.
01/09/2012 → 01/09/2015
Project

Innovation consortium Real time Controlled Robots for the Meat Industry
Ravn, O., Andersen, T. T., Andersen, N. A. & Wu, H.
01/05/2012 → 30/04/2016
Project

Secure Operation of Sustainable Power Systems
01/01/2012 → 31/03/2016
Project

Activities:

Automation and Control (Organisational unit)
Blanke, M. (Chairman)
15 Sep 2018 → 15 Oct 2018
Activity: Membership › Membership in review committee

4th EU-Japan Workshop on Neurorobotics
Tolu, S. (Participant)
18 Apr 2018
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

International Symposion on Future I&C for Nuclear Power Plants
Kirch hübel, D. (Speaker)
26 Nov 2017 → 29 Nov 2017
Activity: Talks and presentations › Conference presentations

A Scalable Neuro-inspired Robot Controller Integrating a Machine Learning Algorithm and a Spiking Cerebellar-Like Network
Tolu, S. (Speaker), Lund, H. H. (Other)
28 Jul 2017
Activity: Talks and presentations › Conference presentations

Department of Mechanical Engineering (Organisational unit)
Blanke, M. (Chairman)
1 Jul 2017 → 26 Sep 2017
Activity: Membership › Membership in review committee

Linköping University (External organisation)
Blanke, M. (Member)
1 Feb 2017 → 8 Mar 2017
Activity: Membership › Membership in review committee

13th European Workshop on Advanced Control and Diagnosis
Kirchübel, D. (Speaker)
19 Nov 2016
Activity: Talks and presentations › Conference presentations

Professorship evaluation (External organisation)
Blanke, M. (Participant)
15 Oct 2016 → 15 Dec 2016
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

5th Neurorobotics Performance Show
Tolu, S. (Participant)
17 Feb 2016 → 19 Feb 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

3rd HBP Education Programme
Tolu, S. (Participant)
11 Jan 2016 → 15 Jan 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Member of DTU Academic Council (External organisation)
Ravn, O. (Participant)
2015 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Dynamic Modeling, Advanced Control, Diagnosis and Optimization of Large-Scale Lignocellulosic Biorefineries
Prunescu, R. M. (Speaker)
11 Nov 2015
Activity: Talks and presentations › Conference presentations

Plantwide Model-Based Optimization of a Large Scale Second Generation Biorefinery
Prunescu, R. M. (Speaker)
10 Nov 2015
Activity: Talks and presentations › Conference presentations

International Journal of Adaptive Control and Signal Processing (Journal)
Blanke, M. (Reviewer)
1 Oct 2015 → 1 May 2017
Activity: Research › Journal editor

EuroAsianPacific Joint Conference on Cognitive Science
Tolu, S. (Speaker)
25 Sep 2015 → 27 Sep 2015
Activity: Talks and presentations › Conference presentations

2015 IEEE Multi-Conference on Systems and Control
Papageorgiou, D. (Participant)
23 Sep 2015
Activity: Attending an event › Participating in or organising a conference

10th IFAC Conference on Manoeuvring and Control of Marine Craft
Blanke, M. (Organizer)
24 Aug 2015
Activity: Attending an event › Participating in or organising a conference

Dynamic Modeling and Optimization of Large Scale Lignocellulosic Biorefineries
Prunescu, R. M. (Invited speaker)
18 Aug 2015
Activity: Talks and presentations › Conference presentations

Field Robot Event 2015
Ravn, O. (Participant)
15 Jun 2015 → 18 Jun 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

DAu Konference: Den 4. Industrielle Revolution
Ravn, O. (Organizer)
10 Jun 2015
Activity: Attending an event › Participating in or organising a conference

In committee for PhD thesis evaluation at Linköping University, Sweden (External organisation)
Blanke, M. (Participant)
22 May 2015
Activity: Membership › Membership in review committee

Professorship Evaluation for NTNU - International Chair (External organisation)
Blanke, M. (Participant)
1 May 2015 → 30 Jun 2015
Activity: Membership › Membership in review committee

Kompetenceudviklingsdage
Ravn, O. (Speaker)
21 Apr 2015
Activity: Other

Control of Drones
Hansen, S. (Lecturer)
11 Mar 2015
Activity: Talks and presentations › Conference presentations

Evaluation for University of Cambridge (External organisation)
Blanke, M. (Participant)
25 Jan 2015 → 6 Feb 2015
Activity: Membership › Membership in review committee

IFAC Technical Committee on Marine Systems (External organisation)
Blanke, M. (Participant)
2014 → 2017
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

PhD Thesis Jury Member at Universitat Politecnica de Catalunya (External organisation)
Tabatabaeiipour, M. (Participant)
2014
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar
University of Bordeaux (External organisation)
Blanke, M. (Participant)
19 Nov 2014
Activity: Membership › Membership in review committee

2014 AIChE Annual Meeting: American Institute of Chemical Engineers
Prunescu, R. M. (Speaker)
17 Nov 2014 → 21 Nov 2014
Activity: Talks and presentations › Conference presentations

Dynamic Simulation, Sensitivity and Uncertainty Analysis of a Demonstration Scale Lignocellulosic Enzymatic Hydrolysis Process
Prunescu, R. M. (Speaker)
16 Nov 2014 → 21 Nov 2014
Activity: Talks and presentations › Conference presentations

Model-Based Filtering of Large-Scale Datasets - A Biorefinery Application
Prunescu, R. M. (Speaker)
16 Nov 2014 → 21 Nov 2014
Activity: Talks and presentations › Conference presentations

Aarhus University (External organisation)
Blanke, M. (Participant)
12 Nov 2014
Activity: Membership › Membership in review committee

University of Cambridge (External organisation)
Blanke, M. (Participant)
3 Nov 2014
Activity: Membership › Membership in review committee

Linköping University (External organisation)
Blanke, M. (Participant)
25 Apr 2014
Activity: Membership › Membership in review committee

Referee, Professor in Robotics at Queensland University of Technology (External organisation)
Blanke, M. (Participant)
28 Jan 2014 → 10 Feb 2014
Activity: Membership › Membership in review committee

Drones on Autopilot
Hansen, S. (Lecturer)
14 Jan 2014
Activity: Talks and presentations › Conference presentations

International Journal of Adaptive Control and Signal Processing (Journal)
Blanke, M. (Editor)
1 Jan 2014 → 1 May 2015
Activity: Research › Journal editor

52nd IEEE Conference on Decision and Control (CDC 2013)
Prunescu, R. M. (Speaker)
10 Dec 2013 → 13 Dec 2013
Activity: Talks and presentations › Conference presentations
Biofuel Session
Prunescu, R. M. (Speaker)
18 Aug 2013 → 23 Aug 2013
Activity: Talks and presentations › Conference presentations

2013 American Control Conference
Prunescu, R. M. (Speaker)
17 Jun 2013 → 19 Jun 2013
Activity: Talks and presentations › Conference presentations

10th IEEE International Conference on Control & Automation
Ravn, O. (Speaker)
12 Jun 2013 → 14 Jun 2013
Activity: Talks and presentations › Conference presentations

Danvak Dagen 2013
Hovgaard, T. G. (Invited speaker)
10 Apr 2013
Activity: Talks and presentations › Conference presentations

DTU RoboCup 2013
Ravn, O. (Organizer)
9 Apr 2013 → 11 Apr 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

European Robotic Forum 2013
Ravn, O. (Speaker)
19 Mar 2013 → 21 Mar 2013
Activity: Talks and presentations › Conference presentations

37th Enlarged Halden Programme Group Meeting
Zhang, X. (Speaker)
10 Mar 2013 → 15 Mar 2013
Activity: Talks and presentations › Conference presentations

10th European Workshop on Advanced Control and Diagnosis
Ravn, O. (Participant)
8 Nov 2012 → 9 Nov 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

10th European Workshop on Advanced Control and Diagnosis
Prunescu, R. M. (Speaker)
8 Nov 2012 → 9 Nov 2012
Activity: Talks and presentations › Conference presentations

International Workshop on Functional Modelling
Ravn, O. (Participant)
6 Nov 2012 → 7 Nov 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

International Workshop on Functional Modelling
Zhang, X. (Speaker)
6 Nov 2012 → 7 Nov 2012
Activity: Talks and presentations › Conference presentations
8th HOLMUG meeting
Ravn, O. (Participant)
18 Oct 2012 → 19 Oct 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

8th HOLMUG meeting
Zhang, X. (Speaker)
18 Oct 2012 → 19 Oct 2012
Activity: Talks and presentations › Conference presentations

Aalborg University (External organisation)
Blanke, M. (Participant)
5 Oct 2012 → 18 Dec 2012
Activity: Membership › Membership in review committee

Modelling and Control of Stiff Robots for Flexible Manufacturing (External organisation)
Ravn, O. (Participant)
7 Sep 2012
Activity: Membership › Membership in review committee

1st International Symposium on Socially and Technically Symbiotic Systems
Zhang, X. (Speaker)
29 Aug 2012 → 31 Aug 2012
Activity: Talks and presentations › Conference presentations

16th IFAC Symposium on System Identification
Ravn, O. (Invited speaker)
11 Jul 2012 → 13 Jul 2012
Activity: Talks and presentations › Conference presentations

Linköping University (External organisation)
Blanke, M. (Participant)
15 Jun 2012
Activity: Membership › Membership in review committee

Aalborg University (External organisation)
Blanke, M. (Participant)
21 Mar 2012
Activity: Membership › Membership in review committee

DTU RoboCup 2012
Ravn, O. (Organizer)
20 Mar 2012 → 22 Mar 2012
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

European Robotic Forum 2012
Ravn, O. (Speaker)
5 Mar 2012 → 7 Mar 2012
Activity: Talks and presentations › Conference presentations

5th International Conference on Cognitive Systems
Ravn, O. (Participant)
22 Feb 2012 → 23 Feb 2012
Activity: Attending an event › Participating in or organising a conference
17th Nordic Process Control Workshop
Prunescu, R. M. (Speaker)
25 Jan 2012 → 27 Jan 2012
Activity: Talks and presentations › Conference presentations

Innovation Network RoboCluster (External organisation)
Ravn, O. (Chairman)
1 Jan 2012 → 31 Dec 2012
Activity: Membership › Membership of research networks or expert groups

Member IFAC Technical Committee on Marine Systems (External organisation)
Blanke, M. (Participant)
2011 → 2014
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Teaching Evaluation Exercise at Aalto University (External organisation)
Ravn, O. (Chairman)
2011 → …
Activity: Membership › Membership in review committee

Linköping University (External organisation)
Blanke, M. (Participant)
28 Dec 2011 → 1 Mar 2012
Activity: Membership › Membership in review committee

2011 American Control Conference
Ravn, O. (Speaker)
29 Jun 2011 → 1 Jul 2011
Activity: Talks and presentations › Conference presentations

DTU RoboCup 2011
Ravn, O. (Organizer)
22 Mar 2011 → 24 Mar 2011
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

The Industrial PhD Programme Committee (External organisation)
Ravn, O. (Participant)
1 Jan 2009 → 31 Dec 2014
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

International Conference On Cognitive Systems
Tolu, S. (Participant)
2008
Activity: Attending an event › Participating in or organising a conference

Member of the board of DIARA, Danish Industrial Robot Association (External organisation)
Ravn, O. (Participant)
2008 → 2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Control Engineering Practice (Journal)
Blanke, M. (Reviewer)
Oct 2008 → …
Activity: Research › Journal editor
Seventh International Workshop on Information Processing in Cells and Tissues
Tolu, S. (Speaker)
2007
Activity: Talks and presentations › Conference presentations

IEEE Transactions on Aerospace and Electronic Systems (Journal)
Blanke, M. (Editor)
Oct 2007 → Dec 2016
Activity: Research › Journal editor

IEEE Transactions on Aerospace and Electronic Systems (Journal)
Blanke, M. (Editor)
Oct 2007 → Dec 2016
Activity: Research › Journal editor

International Work Conference on Artificial Neural Networks
Tolu, S. (Speaker)
Jun 2007
Activity: Talks and presentations › Conference presentations

Member of DTU Academic Council (External organisation)
Ravn, O. (Participant)
2005 → 2011
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Prizes:

Best Student Paper Award
Emil Krabbe Nielsen (Recipient), 29 Nov 2017
Prize: Prizes, scholarships, distinctions

Press clippings:

New Universal Robots Driver Makes Manipulation Research Easier
Thomas Timm Andersen
09/02/2016
1 media contribution
Press / Media

Go morgen P3
Ole Ravn
24/06/2015
1 media contribution
Press / Media

Tag iPad’en med hjem
Jari Due Jessen
23/04/2015
1 media contribution
Press / Media

Go morgen P3
Ole Ravn
28/10/2014
1 media contribution
DR2 Morgen
Ole Ravn
24/10/2014
1 media contribution

P1 Morgen
Ole Ravn
24/10/2014
1 media contribution

Børn koder robotter: Coding Pirates
Jari Due Jessen
20/03/2014
1 media contribution

Derfor er det smart at dreje batterierne i fjernbetjeningen
Ole Ravn
16/01/2014
1 media contribution

DR2 Dagen
Ole Ravn
18/12/2013
1 media contribution

Automatiske dræber-robotter møder kritik
Ole Ravn
31/05/2013
1 media contribution

Aftenshowet
Ole Ravn
11/04/2013
1 media contribution