Publications:

*Architecturally Significant Requirements Identification, Classification and Change Management for Multi-tenant Cloud-Based Systems*
Publication: Research - peer-review › Book chapter – Annual report year: 2017

*Do we educate engineers that can engineer?*
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

*Formal Analysis of Graphical Security Models*
Publication: Research › Ph.D. thesis – Annual report year: 2017

*High Performance with Prescriptive Optimization and Debugging*
Publication: Research › Ph.D. thesis – Annual report year: 2017

*Modeling and Verification of Insider Threats Using Logical Analysis*
Publication: Research - peer-review › Journal article – Annual report year: 2017

*An Adaptive Middleware for Improved Computational Performance*
Publication: Research › Ph.D. thesis – Annual report year: 2016

*A Process Framework for Designing Software Reference Architectures for Providing Tools as a Service*
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

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

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

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

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

*Modelling Socio-Technical Aspects of Organisational Security*
Publication: Research › Ph.D. thesis – Annual report year: 2016

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

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

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Publication: Research - peer-review › Journal article – Annual report year: 2016
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Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

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

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

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Attack Tree Generation by Policy Invalidation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Developing merged CDIO based curricula for diploma (B.Eng.) IT study programs at DTU
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Hardware Transactional Memory Optimization Guidelines, Applied to Ordered Maps
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Modelling and Analysing Socio-Technical Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Semantics, Logics, and Calculi: Essays Dedicated to Hanne Riis Nielson and Flemming Nielson on the Occasion of Their 60th Birthdays
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Tool-based Risk Assessment of Cloud Infrastructures as Socio-Technical Systems
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Automatic generation of application specific FPGA multicore accelerators
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Code Commentary and Automatic Refactorings using Feedback from Multiple Compilers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

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Publication: Research › Poster – Annual report year: 2014

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

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Publication: Research › Poster – Annual report year: 2014

ELB-trees - Efficient Lock-free B+trees
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Publication: Research - peer-review › Poster – Annual report year: 2014

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

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Publication: Research › Ph.D. thesis – Annual report year: 2014

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

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Publication: Research - peer-review › Conference article – Annual report year: 2010

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

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Publication: Research - peer-review › Journal article – Annual report year: 2008

Countering Insider Threats
Publication: Research › Report – Annual report year: 2008

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

Java bytecode verification via static single assignment form
Publication: Research - peer-review › Journal article – Annual report year: 2008

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Static validation of licence conformance policies
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2006
Linguistic Support for Modern Operating Systems - Workshop on Programming Languages and Operating Systems (PLOS 2006)
Publication: Research - peer-review › Book – Annual report year: 2006

Non-Interference and Erasure Policies for Java Card Bytecode.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Program Partitioning using Dynamic Trust Models
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Sandboxing for myKlaim
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Sandboxing in myKlaim
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Where can an Insider attack?
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

A Multilevel Introspective Dynamic Optimization System For Holistic Power-Aware Computing
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

A portable virtual machine target for proof-carrying code
Publication: Research - peer-review › Journal article – Annual report year: 2005

Average Case vs. Worst Case-Margins of Safety in System Design
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

Integrated Java Bytecode Verification
Publication: Research - peer-review › Journal article – Annual report year: 2005

Power-aware computing systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

Secure Dynamic Program Repartitioning
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

Structural Encoding of Static Single Assignment Form
Publication: Research - peer-review › Journal article – Annual report year: 2005

Untyped Memory in the Java Virtual Machine
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

Modular Control Flow Analysis for Libraries
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Projects:

Security in Fog Computing
Project: PhD
Typing for Secure Composition of Distributed Systems
Project: PhD

Principles for Scalable Many-core Operating Systems
Project: PhD

Cognitive and Perceptive Cameras - System software and execution platform
Project: PhD

Cognitive and Perceptive Cameras - Compilation system
Project: PhD

Stochastic Model Checking of Socio-Technical Models
Project: PhD

Graphical passwords user authentication
Project: PhD

Modelling Socio-Technical Aspects of Organizational Security
Project: PhD

Portable and Predictable Performance Heterogeneous Embedded Manycores - Low Level System Stack
Project: PhD

Security and privacy in Managed Video Systems
Project: PhD

Technology-supported Risk Estimation by Predictive Assessment of Socio-technical Security
Project:

Portable and Predictable Performance Heterogeneous Embedded Manycores - Upper Level System stack
Project: PhD

SESAMO: Security and Safety Modelling
Project: PhD

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Project: PhD

Project: PhD

Resilient Infrastructure and Building Security
Project: PhD

Conflict Management in Aspect Policies
Project: PhD

Round-trip Engineering of Service-Oriented Architectures
Project: PhD
Combined Techniques of Static Analysis and Model Checking
Project: PhD

Static Analysis and Model Checking of Software Systems
Project: PhD

Formal approaches for Aspect-Oriented Systems
Project: PhD

A Framework for Constraint-Programming based Configuration
Project: PhD

Verification of Stochastic Process Calculi
Project: PhD

Aspects for security policies
Project: PhD

Tools for model-based software descriptions
Project: PhD

Systemarkitekturer baseret på Network-on-Chip
Project: PhD