An Integrated Framework to Specify Domain-Specific Modeling Languages. / Zarrin, Bahram; Baumeister, Hubert. 
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Blockchains for Business Process Management - Challenges and Opportunities. / Mendling, Jan; Weber, Ingo; Van Der Aalst, Wil; Brocke, Jan vom; Cabanillas, Cristina; Daniel, Florian; Debois, Soren; Di Cicco, Claudio; Dumas, Marlon; Dustdar, Schahram; Gal, Avigdor; Garcia-Banuelos, Luciano; Governatori, Guido; Hull, T. Richard; La Rosa, Marcello; Leopold, Henrik; Leymann, Frank; Recker, Jan; Reichert, Manfred; Reijers, Hajo A.; Rinderle-Ma, Stefanie; Rogge-Solti, Andreas; Rosemann, Michael; Schulte, Stefan; Singh, Munindar P.; Slaats, Tijs; Staples, Mark; Weber, Barbara; Weidlich, Matthias; Weske, Mathias; Xu, Xiwei; Zhu, Liming.
Publication: Research - peer-review › Journal article – Annual report year: 2018

Clinical Processes - The Killer Application for Constraint-Based Process Interactions. / Jiménez-Ramírez, Andrés; Barba, Irene; Reichert, Manfred; Weber, Barbara; Del Valle, Carmelo.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Controlling entity ICT reference architecture: distributed control architecture for distributed systems. / Petersen, Bo Seborg; Brasch, Tobias; Bindner, Henrik W.; Poulsen, Bjørne; You, Shi.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

ePNK Applications and Annotations: A Simulator for YAWL Nets. / Kindler, Ekkart.
Publication: Research - peer-review › Book chapter – Annual report year: 2018

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

Mining Developers’ Workflows from IDE Usage. / Ioannou, Constantina; Burattin, Andrea; Weber, Barbara.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Online Conformance Checking Using Behavioural Patterns. / Burattin, Andrea; van Zelst, Sebastiaan J.; Armas-Cervantes, Abel; van Dongen, Boudewijn F.; Carmona, Josep.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

OSSINT - Open Source Social Network Intelligence: An efficient and effective way to uncover "private" information in OSN profiles. / Cascavilla, Giuseppe; Beato, Filipe; Burattin, Andrea; Conti, Mauro; Mancini, Luigi Vincenzo .
In: Online Social Networks and Media, 2018, p. 58 - 68.
Publication: Research - peer-review › Journal article – Annual report year: 2018

Proceedings of the International Workshop on Petri Nets and Software Engineering (PNSE'18). / Moldt, Daniel (Editor); Kindler, Ekkart (Editor); Rölke, Heiko (Editor).
Publication: Research - peer-review › Book – Annual report year: 2018
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Smart grid communication infrastructure comparison-for distributed control of distributed energy resources using internet of things devices. / Petersen, Bo Seborg; Bindner, Henrik W.; Poulsen, Bjarne; You, Shi.
Publication: Research - peer-review › Journal article – Annual report year: 2018

Stepwise Development and Model Checking of a Distributed Interlocking System - Using RAISE. / Geisler, Signe; Haxthausen, Anne Elisabeth.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Streaming Process Discovery and Conformance Checking. / Burattin, Andrea.
Publication: Research - peer-review › Encyclopedia chapter – Annual report year: 2018

The Choice Is Yours: The Role of Cognitive Processes for IT-Supported Idea Selection. / Seeber, Isabella; Weber, Barbara; Maier, Ronald; Vreede, Gert-Jan.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Time and activity sequence prediction of business process instances. / Polato, Mirko; Sperduti, Alessandro; Burattin, Andrea; Leoni, Massimiliano de.
Publication: Research - peer-review › Journal article – Annual report year: 2018

Time Prediction on Multi-perspective Declarative Business Processes. / Jiménez-Ramírez, Andrés; Barba, Irene; Fernandez-Olivares, Juan; Del Valle, Carmelo; Weber, Barbara.
In: Knowledge and Information Systems, 2018.
Publication: Research - peer-review › Journal article – Annual report year: 2018

Toward an Automated Labeling of Event Log Attributes. / Abbad Andaloussi, Amine; Burattin, Andrea; Weber, Barbara.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Towards Domain-specific Flow-based Languages. / Zarrin, Bahram; Baumeister, Hubert; Sarjoughian, Hessam S.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Understandability of Hybrid Process Models Using DCR Graphs. / Abbad Andaloussi, Amine; Slaats, Tijs; Burattin, Andrea; Hildebrandt, Thomas Troels; Weber, Barbara.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Who is behind the Model? Classifying Modelers based on Pragmatic Model Features. / Burattin, Andrea; Soffer, Pnina; Fahland, Dirk; Mendling, Jan; Reijsers, Hajo A.; Vanderfeesten, Irene; Weidlich, Matthias; Weber, Barbara.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018
A Domain-Specific Language for Generic Interlocking Models and Their Properties. / Vu, Linh Hong; Haxthausen, Anne Elisabeth; Peleska, Jan.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

A Framework for Online Conformance Checking. / Burattin, Andrea; Carmona, Josep.
(Lecture Notes in Business Information Processing, Vol. 308).
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Agile Processes in Software Engineering and Extreme Programming. / Baumeister, Hubert (Editor); Lichter, Horst (Editor); Riebisch, Matthias (Editor).
Publication: Research › Book – Annual report year: 2018

Algorithms and Tools for Petri Nets - Proceedings of the Workshop AWPN 2017. / Kindler, Ekkart (Editor); Bergenthal, Robin (Editor).
Publication: Research - peer-review › Report – Annual report year: 2017

Beyond Brainstorming: Exploring Convergence in Teams. / Seeber, Isabella ; de Vreede, Gert-Jan; Maier, Ronald ; Weber, Barbara.
Publication: Research - peer-review › Journal article – Annual report year: 2017

Cheetah Experimental Platform Web 1.0: Cleaning Pupillary Data. / Zugal, Stefan; Pinggera, Jakob; Neurauter, Manuel; Maran, Thomas; Weber, Barbara.
Publication: Research - peer-review › Journal article – Annual report year: 2017

Compositional Model Checking of Interlocking Systems for Lines with Multiple Stations. / Macedo, Hugo Daniel dos Santos; Fantechi, Alessandro; Haxthausen, Anne Elisabeth.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Compositional Verification of Interlocking Systems for Large Stations. / Fantechi, Alessandro; Haxthausen, Anne Elisabeth; Macedo, Hugo Daniel dos Santos.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Convergence of Crowdsourcing Ideas: A Cognitive Load perspective. / Fu, Shixuan; de Vreede, Gert-Jan; Cheng, Xusen; Seeber, Isabella ; Maier, Ronald ; Weber, Barbara.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Convergence on Self - Generated vs. Crowdsourced Ideas in Crisis Response: Comparing Social Exchange Processes and Satisfaction with Process. / Seeber, Isabella ; Merz, Alexander B.; Maier, Ronald ; Vreede, G. J. de ; Weber, Barbara.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Cost-effective evolution of research prototypes into end-user tools: The MACH case study. / Störrle, Harald.
Publication: Research - peer-review › Journal article – Annual report year: 2015
Designing Visual Decision Making Support with the Help of Eye-tracking. / Weber, Barbara; Gulden, Jens; Burattin, Andrea.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Detection and quantification of flow consistency in business process models. / Burattin, Andrea; Bernstein, Vered; Neurauter, Manuel; Soffer, Pnina; Weber, Barbara.
Publication: Research - peer-review › Journal article – Annual report year: 2017

Digitalising the General Data Protection Regulation with Dynamic Condition Response Graphs. / Heuck, Emil; Hildebrandt, Thomas; Kærulf Lerche, Rasmus; Marquard, Morten; Normann, Håkon; Iven Strømsted, Rasmus; Weber, Barbara.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Domain Specific Language for Modeling Waste Management Systems. / Zarrin, Bahram; Baumeister, Hubert (Main supervisor); Damgaard, Anders (Supervisor).
Publication: Research › Ph.D. thesis – Annual report year: 2017

Do we educate engineers that can engineer? / Nyborg, Mads; Probst, Christian W.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Effect of Linked Rules on Business Process Model Understanding. / Wang, Wei; Indulska, Marta; Sadiq, Shazia; Weber, Barbara.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

ePNK Applications and Annotations. / Kindler, Ekkart.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

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

Formal Development and Verification of Safe Railway Control Systems. / Haxthausen, Anne Elisabeth.
Publication: Research › Poster – Annual report year: 2017

Formal modelling and verification of interlocking systems featuring sequential release. / Vu, Linh Hong; Haxthausen, Anne Elisabeth; Peleska, Jan.
Publication: Research - peer-review › Journal article – Annual report year: 2016

Lost in Time and Space: States of High Arousal Disrupt Implicit Acquisition of Spatial and Sequential Context Information. / Maran, Thomas; Sachse, Pierre; Martini, Markus; Weber, Barbara; Pinggera, Jakob; Zuggal, Stefan; Furtner, Marco.
Publication: Research - peer-review › Journal article – Annual report year: 2017
Compositional Verification of Multi-Station Interlocking Systems. / Macedo, Hugo Daniel dos Santos; Fantechi, Alessandro; Haxthausen, Anne Elisabeth.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Defining Effectiveness Using Finite Sets A Study on Computability. / Macedo, Hugo Daniel dos Santos; Haeusler, Edward H.; Garcia, Alex.
Publication: Research - peer-review › Conference article – Annual report year: 2016

Formal Development and Verification of Safe Railway Control Systems. / Haxthausen, Anne Elisabeth (Invited author).
Publication: Research - peer-review › Poster – Annual report year: 2016

Gaussian elimination is not optimal, revisited. / Macedo, Hugo Daniel.
Publication: Research - peer-review › Journal article – Annual report year: 2016

How do humans inspect BPMN models: an exploratory study. / Haisjackl, Cornelia; Soffer, Pnina; Lim, Shao Yi; Weber, Barbara.
Publication: Research - peer-review › Journal article – Annual report year: 2017

IT-Supported Formal Control: How Perceptual (in)Congruence Affects the Convergence of Crowd-Sourced Ideas. / Seeber, Isabella; Waizenegger, Lena; Demetz, Lukas; Merz, Alexander B.; Vreede, G. J. de; Maier, Ronald; Weber, Barbara.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Large-scale Optimization of Contoured Beam Reflectors and Reflectarrays. / Borries, Oscar; Sørensen, Stig B.; Jørgensen, Erik; Zhou, Min; Andersen, Martin Skovgaard; Sokoler, Leo Emil.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Model Manipulation for End-User Modelers. / Acretoaie, Vlad; Störrle, Harald (Supervisor).
Kgs. Lyngby: Technical University of Denmark (DTU), 2016. 254 p. (DTU Compute PHD-2016; No. 405).
Publication: Research › Ph.D. thesis – Annual report year: 2016

On the Feasibility of a Unified Modelling and Programming Paradigm. / Haxthausen, Anne Elisabeth; Peleska, Jan.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

On the impact of size to the understanding of UML diagrams. / Störrle, Harald.
Publication: Research - peer-review › Journal article – Annual report year: 2017

On the significance of the noise model for the performance of a linear MPC in closed-loop operation. / Hagdrup, Morten; Boiron, Dimitri; Mahmoudi, Zeinab; Madsen, Henrik; Poulsen, Niels Kjelstad; Poulsen, Bjarne; Jørgensen, John Bagterp.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

An environmental assessment system for environmental technologies. / Clavreul, Julie; Baumeister, Hubert; Christensen, Thomas Hejlund; Damgaard, Anders.
Publication: Research - peer-review › Journal article – Annual report year: 2014

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

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

An Institution for Imperative RSL Specifications. / Haxthausen, Anne Elisabeth.
Publication: Research - peer-review › Book chapter – Annual report year: 2014

Publication: Research - peer-review › Book – Annual report year: 2014

Applied Bounded Model Checking for Interlocking System Designs. / Haxthausen, Anne Elisabeth; Peleska, Jan; Pinger, Ralf.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Automated generation of formal safety conditions from railway interlocking tables. / Haxthausen, Anne Elisabeth.
Publication: Research - peer-review › Journal article – Annual report year: 2014

Complete Model-Based Equivalence Class Testing for the ETCS Ceiling Speed Monitor. / Braunstein, Cécile; Haxthausen, Anne Elisabeth; Huang, Wen-ling; Hübner, Felix; Peleska, Jan; Schulze, Uwe; Vu, Linh Hong.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Coordinating Interactions: The Event Coordination Notation. / Kindler, Ekkart.
Publication: Research › Report – Annual report year: 2014

Design of a Domain-Specific Language for Material Flow Analysis using Microsoft DSL tools: An Experience Paper. / Zarrin, Bahram; Baumeister, Hubert.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

EASETECH – A LCA model for assessment of environmental technologies. / Damgaard, Anders; Baumeister, Hubert; Astrup, Thomas Früergaard; Christensen, Thomas Hejlund.
Efficient Representation of Timed UML 2 Interactions. / Knapp, Alexander; Störrle, Harald.
Publication: Research › peer-review » Article in proceedings – Annual report year: 2014

Electric vehicle integration in a real-time market. / Pedersen, Anders Bro; Østergaard, Jacob (Main supervisor); Poulsen, Bjarne (Supervisor); Gantenbein, Dieter (Supervisor).
Publication: Research › Ph.D. thesis – Annual report year: 2015

FMI 2014 - Free Models Initiative : Workshop Proceedings. / Störrle, Harald (Editor); Hebig, Regina (Editor); Knapp, Alexander (Editor).
Publication: Research › Report – Annual report year: 2014

Formal Modeling and Verification of Interlocking Systems Featuring Sequential Release. / Vu, Linh Hong; Haxthausen, Anne Elisabeth; Peleska, Jan.
Publication: Research › peer-review » Preface/postscript – Annual report year: 2014

Formal Verification of the Danish Railway Interlocking Systems. / Vu, Linh Hong; Haxthausen, Anne Elisabeth; Peleska, Jan.
Publication: Research › peer-review » Article in proceedings – Annual report year: 2014

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

Hypersonic: Model Analysis and Checking in the Cloud. / Acretoaie, Vlad; Störrle, Harald.
Proceedings of the 2nd Workshop on Scalability in Model Driven Engineering (BigMDE 2014), ed. / Dimitris Kolovos; Davide Di Ruscio; Nicholas Matragkas; Juan De Lara; István Ráth; Massimo Tisi. 2014. p. 3-13 (CEUR Workshop Proceedings; No. 1206).
Publication: Research › peer-review » Article in proceedings – Annual report year: 2014

Hypersonic - Model Analysis as a Service. / Acretoaie, Vlad; Störrle, Harald.
Publication: Research › peer-review » Article in proceedings – Annual report year: 2014

Implementing the WebSocket Protocol Based on Formal Modelling and Automated Code Generation. / Simonsen, Kent Inge; Kristensen, Lars Michael.
MQ-2 A Tool for Prolog-based Model Querying. / Acretoaie, Vlad; Störrle, Harald.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Timing Analysis of Mixed-Criticality Hard Real-Time Applications Implemented on Distributed Partitioned Architectures. / Marinescu, Sorin Ovidiu ; Tamas-Selicean, Domitian; Acretoaie, Vlad; Pop, Paul.
Publication: Research - peer-review › Paper – Annual report year: 2013

Publication: Research › Report – Annual report year: 2010