
Jiménez-Ramírez, Andrés; Barba, Irene; Reichert, Manfred; Weber, Barbara; Del Valle, Carmelo / Clinical Processes - The Killer Application for Constraint-Based Process Interactions. Proceedings of 30th International Conference on Advanced Information Systems Engineering. 2018. Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Petersen, Bo Søborg; Bindner, Henrik W.; Poulsen, Bjarne; You, Shi / Smart grid communication infrastructure comparison for distributed control of distributed energy resources using internet of things devices. In: International Journal of Electrical and Electronic Engineering and Telecommunications, Vol. 7, No. 1, 2018, p. 7-14. Publication: Research - peer-review › Journal article – Annual report year: 2018

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

Zarrin, Bahram; Baumeister, Hubert; Sarjoughian, Hessam S. / Towards Domain-specific Flow-based Languages. Proceedings of the 6th International Conference on Model-Driven Engineering and Software Development. 2018. p. 319-325. Publication: Research - peer-review › Article in proceedings – Annual report year: 2018


Baumeister, Hubert (Editor); Lichter, Horst (Editor); Riebisch, Matthias (Editor) / Agile Processes in Software Engineering and Extreme Programming. Springer, 2017. 306 p. (Lecture Notes in Business Information Processing, Vol. 283).


Fu, Shixuan; de Vreede, Gert-Jan; Cheng, Xusen; Seeber, Isabella ; Maier, Ronald ; Weber, Barbara / Convergence of Crowdsourcing Ideas: A Cognitive Load perspective. ICIS 2017 PROCEEDINGS. 2017.


Burattin, Andrea / Online Conformance Checking for Petri Nets and Event Streams. 
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Petersen, Bo Søborg; Bindner, Henrik W.; Poulsen, Bjarne; You, Shi / Smart grid communication comparison: Distributed control middleware and serialization comparison for the Internet of Things. 
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Petersen, Bo Søborg; Bindner, Henrik W.; Poulsen, Bjarne; You, Shi / Smart Grid Communication Infrastructure Comparison. 
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Petersen, Bo Søborg; Bindner, Henrik W.; Poulsen, Bjarne; You, Shi / Smart Grid Communication Middleware Comparison. 
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Petersen, Bo Søborg; Bindner, Henrik W.; Poulsen, Bjarne; You, Shi / Smart Grid communication middleware comparison distributed control comparison for the internet of things. 
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Petersen, Bo Søborg; Bindner, Henrik W.; You, Shi; Poulsen, Bjarne / Smart Grid Serialization Comparison. 
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Petersen, Bo Søborg; Bindner, Henrik W.; You, Shi; Poulsen, Bjarne / Smart grid serialization comparison: Comparison of serialization for distributed control in the context of the Internet of Things. 
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

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

Haisjackl, Cornelia; Burattin, Andrea ; Soffer, Pnina; Weber, Barbara / Visualization of the Evolution of Layout Metrics for Business Process Models. 
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Aabrandt, Andreas; Traeholt, Chresten (Supervisor); Hansen, Vagn Lundsgaard (Supervisor); Poulsen, Bjarne (Supervisor) / Algebraic Varieties and System Design. 
Technical University of Denmark, Department of Electrical Engineering, 2016. 123 p. 
Publication: Research › Ph.D. thesis – Annual report year: 2017

Alshareef, Abdurrahman; Sarjoughian, Hessam S.; Zarrin, Bahram / An approach for activity-based DEVS model specification. 
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Publication: Research - peer-review › Journal article – Annual report year: 2016

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

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

Publication: Research - peer-review › Book chapter – Annual report year: 2016

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

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

Publication: Research - peer-review › Journal article – Annual report year: 2016

Braunstein, Cécile; Peleska, Jan; Schulze, Uwe; Hübner, Felix; Huang, Wen-ling; Haxthausen, Anne Elisabeth; Vu, Linh Hong / A SysML Test Model and Test Suite for the ETCS Ceiling Speed Monitor: Technical report, Work Package 4. 2014. 60 p.

Publication: Research › Report – Annual report year: 2014


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


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


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


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


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


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

Publication: Research - peer-review › Article in proceedings – 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

Publication: Research - peer-review › Book – Annual report year: 2013

Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Publication: Research - peer-review › Journal article – Annual report year: 2013

Publication: Research › Report – Annual report year: 2013

Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Dalgaard, Paw; Mejholm, Arne; Olesen, Niels; Maftei, Elena / Food Spoilage and Safety Predictor (FSSP) software. Microbial Spoilers in Food 2013. ed. / A.G. Mathot; F. Postollec; L. Coroller. Quimper, France, 2013. p. 123.

Vu Hong, Linh; Haxthausen, Anne Elisabeth; Peleska, Jan / Formal Development and Verification of Railway Control Systems. 2013. Abstract from Strategisk forskning i transport og infrastruktur, Kongens Lyngby, Denmark.

Haxthausen, Anne Elisabeth; Vu Hong, Linh / Formal Development and Verification of Safe Railway Control Systems. 2013. Poster session presented at Danish Railway Conference 2013, Copenhagen, Denmark.


Andersen, Peter Bach; Østergaard, Jacob (Main supervisor); Poulsen, Bjarne (Supervisor); Gantenbein, Dieter (Supervisor) / Intelligent Electric Vehicle Integration - Domain Interfaces and Supporting Informatics. Kgs. Lyngby : Technical University of Denmark (DTU), 2013. 188 p.

Clavreul, Julie; Christensen, Thomas Højlund (Main supervisor); Baumeister, Hubert (Supervisor) / LCA of waste management systems: Development of tools for modeling and uncertainty analysis. Kgs. Lyngby : DTU Environment, 2013. 45 p.
Störrle, Harald / Making sense to modelers: Presenting UML class model differences in prose.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Störrle, Harald / MOCQL: A Declarative Language for Ad-Hoc Model Querying.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Damgaard, Anders; Clavreul, Julie; Baumeister, Hubert; Christensen, Thomas Højlund / Modelling sensitivity and uncertainty in a LCA model for waste management systems - EASETECH.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Publication: Research › Report – Annual report year: 2013

Simonsen, Kent Inge; Kristensen, Lars Michael / Towards a CPN-Based Modelling Approach for Reconciling Verification and Implementation of Protocol Models.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Gruner, Stefan (Editor); Haxthausen, Anne Elisabeth (Editor); Maibaum, Tom (Editor); Roggenbach, Markus (Editor) / Towards a Formal Methods Body of Knowledge for Railway Control and Safety Systems : FM-RAIL-BOK Workshop 2013. Kgs. Lyngby : Technical University of Denmark (DTU), 2013. 50 p. (DTU Compute-Technical Report-2013; No. 20).
Publication: Research › Report – Annual report year: 2013

Störrle, Harald; Fish, Andrew / Towards an Operationalization of the "Physics of Notations" for the Analysis of Visual Languages.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013
Orda, Lasse Dreisig; Bach, Jesper; Pedersen, Anders Bro; Poulsen, Bjarne; Hansen, Lars Henrik / **Utilizing a Flexibility Interface for Distributed Energy Resources Through a Cloud-Based Service.**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Andersen, Sune Sick; Gustafsson, Finn (Supervisor) / **CO2NSL (Datalogger).**
Technical University of Denmark (DTU), 2012. 96 p.
Publication: Research - peer-review › Report – Annual report year: 2012

Acretoaie, Vlad; Störrle, Harald / **MQ-2 A Tool for Prolog-based Model Querying.**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

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

Haxthausen, Anne Elisabeth / **An Introduction to Formal Methods for the Development of Safety-critical Applications.**
Publication: Research › Report – Annual report year: 2010