Barbara Weber - DTU Orbit (18/02/2018)

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Publications:

**Beyond Brainstorming: Exploring Convergence in Teams**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Blockchains for Business Process Management - Challenges and Opportunities**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Cheetah Experimental Platform Web 1.0: Cleaning Pupillary Data**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Convergence of Crowdsourcing Ideas: A Cognitive Load perspective**
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**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

**Designing Visual Decision Making Support with the Help of Eye-tracking**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

**Detection and quantification of flow consistency in business process models**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

**Digitalising the General Data Protection Regulation with Dynamic Condition Response Graphs**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

**Effect of Linked Rules on Business Process Model Understanding**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

**Eye Tracking Meets the Process of Process Modeling: a Visual Analytic Approach**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

**Lost in Time and Space: States of High Arousal Disrupt Implicit Acquisition of Spatial and Sequential Context Information**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Measuring and Explaining Cognitive Load During Design Activities: A fine-grained approach**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017
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

Visualization of the Evolution of Layout Metrics for Business Process Models
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Fixation Patterns During Process Model Creation: Initial Steps Toward Neuro-adaptive Process Modeling Environments
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

How do humans inspect BPMN models: an exploratory study
Publication: Research - peer-review › Journal article – Annual report year: 2016

IT-Supported Formal Control: How Perceptual (in)Congruence Affects the Convergence of Crowd-Sourced Ideas
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Process time patterns: A formal foundation
Publication: Research - peer-review › Journal article – Annual report year: 2016

Studying the Creation of Design Artifacts
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

The impact of working memory and the "process of process modelling" on model quality: Investigating experienced versus inexperienced modellers
Publication: Research - peer-review › Journal article – Annual report year: 2016

Understanding Declare models: Strategies, pitfalls, empirical results
Publication: Research - peer-review › Journal article – Annual report year: 2016

Working memory and its (theoretical) role in Business process modeling
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2016

A visual analysis of the process of process modeling
Publication: Research - peer-review › Journal article – Annual report year: 2015

Identifying quality issues in BPMN models: An exploratory study
Publication: Research - peer-review › Book chapter – Annual report year: 2015

Investigating expressiveness and understandability of hierarchy in declarative business process models
Publication: Research - peer-review › Journal article – Annual report year: 2015

Styles in business process modeling: an exploration and a model
Publication: Research - peer-review › Journal article – Annual report year: 2015

VIVACE: A framework for the systematic evaluation of variability support in process-aware information systems
Publication: Research - peer-review › Journal article – Annual report year: 2016

A linear time layout algorithm for business process models
Publication: Research - peer-review › Journal article – Annual report year: 2014
An integrated approach based on execution measures for the continuous improvement of business processes realized by services
Publication: Research - peer-review › Journal article – Annual report year: 2014

Assessing event correlation in non-process-aware information systems
Publication: Research - peer-review › Journal article – Annual report year: 2014

Generating optimized configurable business process models in scenarios subject to uncertainty
Publication: Research - peer-review › Journal article – Annual report year: 2014

The modeling mind: Behavior patterns in process modeling
Publication: Research - peer-review › Book chapter – Annual report year: 2014

Time patterns for process-aware information systems
Publication: Research - peer-review › Journal article – Annual report year: 2014

A qualitative comparison of approaches supporting business process variability
Publication: Research - peer-review › Book chapter – Annual report year: 2013

Automatic Generation of Optimized Business Process Models from Constraint-Based Specifications
Publication: Research - peer-review › Journal article – Annual report year: 2013

Change patterns for model creation: Investigating the role of nesting depth
Publication: Research - peer-review › Book chapter – Annual report year: 2013

Change Patterns in Use: A Critical Evaluation
Publication: Research - peer-review › Book chapter – Annual report year: 2013

Concept location modeling through business process views.
Publication: Research - peer-review › Journal article – Annual report year: 2013

Empirical evaluation of test driven modeling
Publication: Research - peer-review › Journal article – Annual report year: 2013

End-to-End Process Extraction in Process Unaware Systems
Publication: Research - peer-review › Book chapter – Annual report year: 2013

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

Macro cognition in Collaboration: Analyzing Processes of Team Knowledge Building with CoPrA
Publication: Research - peer-review › Journal article – Annual report year: 2013

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

User recommendations for the optimized execution of business processes
Publication: Research - peer-review › Journal article – Annual report year: 2013

Assessing the Impact of hierarchy on model understandability - A cognitive perspective
Publication: Research - peer-review › Book chapter – Annual report year: 2012
Creating declarative process models using test driven modeling suite
Publication: Research - peer-review › Book chapter – Annual report year: 2012

Expressiveness and Understandability Considerations of Hierarchy in Declarative Business Process Models
Publication: Research - peer-review › Book chapter – Annual report year: 2012

Imperative versus Declarative Process Modeling Languages: An Empirical Investigation
Publication: Research - peer-review › Book chapter – Annual report year: 2012

Individual Creativity in Designing Business Processes
Publication: Research - peer-review › Book chapter – Annual report year: 2012

Modeling Styles in Business Process Modeling
Publication: Research - peer-review › Book chapter – Annual report year: 2012

Optimized Time Management for Declarative Workflows
Publication: Research - peer-review › Book chapter – Annual report year: 2012

Supporting the Optimized Execution of Business Processes through Recommendations
Publication: Research - peer-review › Book chapter – Annual report year: 2012

The computer-based health evaluation system (CHES): a software for electronic patient-reported outcome monitoring
Publication: Research - peer-review › Journal article – Annual report year: 2012

Toward enhanced life-cycle support for declarative processes
Publication: Research - peer-review › Journal article – Annual report year: 2012

Tracing the Process of Process Modeling with Modeling Phase Diagrams
Publication: Research - peer-review › Book chapter – Annual report year: 2012

Tying Process Model Quality to the Modeling Process: The Impact of Structuring, Movement, and Speed
Publication: Research - peer-review › Book chapter – Annual report year: 2012

Alaska Simulator Toolset for Conducting Controlled Experiments on Process Flexibility
Publication: Research - peer-review › Book chapter – Annual report year: 2011

Generating event logs from non-process-aware systems enabling business process mining
Publication: Research - peer-review › Journal article – Annual report year: 2011

Refactoring large process model repositories
Publication: Research - peer-review › Journal article – Annual report year: 2011

The Impact of Testcases on the Maintainability of Declarative Process Models
Publication: Research - peer-review › Book chapter – Annual report year: 2011

Investigating the effort of using business process management technology: Results from a controlled experiment
Publication: Research - peer-review › Journal article – Annual report year: 2010

Workflow Time Patterns for Process-Aware Information Systems
Publication: Research - peer-review › Book chapter – Annual report year: 2010
Alaska Simulator - A Journey to Planning
Publication: Research - peer-review › Book chapter – Annual report year: 2009

Beyond rigidity – dynamic process lifecycle support: A Survey on dynamic changes in process-aware information systems
Publication: Research - peer-review › Journal article – Annual report year: 2009

Declarative versus Imperative Process Modeling Languages: The Issue of Understandability
Publication: Research - peer-review › Book chapter – Annual report year: 2009

Providing Integrated Life Cycle Support In Process-aware Information Systems
Publication: Research - peer-review › Journal article – Annual report year: 2009

The Declarative Approach to Business Process Execution: An Empirical Test
Publication: Research - peer-review › Book chapter – Annual report year: 2009

Change patterns and change support features – Enhancing flexibility in process-aware information systems
Publication: Research - peer-review › Journal article – Annual report year: 2008

On the Formal Semantics of Change Patterns in Process-Aware Information Systems
Publication: Research - peer-review › Book chapter – Annual report year: 2008

Supporting flexible processes through recommendations based on history
Publication: Research - peer-review › Book chapter – Annual report year: 2008

Change patterns and change support features in process-aware information systems
Publication: Research - peer-review › Book chapter – Annual report year: 2007

Integrating process learning and process evolution - A semantics based approach
Publication: Research - peer-review › Book chapter – Annual report year: 2005

CBRFlow: Enabling adaptive workflow management through conversational case-based reasoning
Publication: Research - peer-review › Book chapter – Annual report year: 2004

Projects:

Usability and understandability of Hybrid Process Models
Project: PhD

Effective, Co-created and compliant ACM
Project