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 › Journal article – 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
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

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

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
Providing Integrated Life Cycle Support In Process-aware Information Systems

The Declarative Approach to Business Process Execution: An Empirical Test

Change patterns and change support features – Enhancing flexibility in process-aware information systems

On the Formal Semantics of Change Patterns in Process-Aware Information Systems

Supporting flexible processes through recommendations based on history

Change patterns and change support features in process-aware information systems

Integrating process learning and process evolution - A semantics based approach

CBRFlow: Enabling adaptive workflow management through conversational case-based reasoning

Projects:

Usability and understandability of Hybrid Process Models
15/02/2018 → 14/02/2021
Project: PhD

Effective, Co-created and compliant ACM
Weber, B., Burattin, A. & Abbad Andaloussi, A.
01/09/2017 → 31/08/2020
Project