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<td>BMSD’21 Session 1: Full Papers</td>
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<td>Coffee-Break</td>
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<td>22:00</td>
<td>Discussion &amp; Closing Session</td>
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The list of ACCEPTED PAPERS follows on the next two pages.
### BMSD'21: List of Accepted Papers

#### Session 1: CONTEXT-AWARENESS
- **Paper 7:** Towards Well-Founded and Richer Context-Awareness Conceptual Models
  - Presenter: Boris Shishkov
  - Authors: Boris Shishkov, Marten van Sinderen

#### Session 2: BUSINESS MODELING
- **Paper 2:** Disruption and Images of Organisation
  - Presenter: Coen Suurmond
  - Author: Coen Suurmond

#### Session 3: KNOWLEDGE MANAGEMENT
- **Paper 12:** Modeling the Handling of Knowledge for Industry 4.0
  - Presenter: Norbert Gronau
  - Author: Norbert Gronau
- **Paper 13:** Quantification of Knowledge Transfers: The Design of an Experiment Setting for the Examination of Knowledge Transfers
  - Presenter: Norbert Gronau
  - Authors: Marcus Grum, Norbert Gronau

#### Session 4: FUNCTIONAL REQUIREMENTS
- **Paper 6:** From Elementary User Wishes and Domain Models to SQL-Specifications
  - Presenter: Bert de Brock
  - Author: Bert de Brock
- **Paper 20:** What to Do When Requirements are Changing All the Time: A Control System Example
  - Presenter: Bert de Brock
  - Author: Bert de Brock

#### Session 5: BUSINESS MODELING
- **Paper 1:** Extending Business Model Development Tools with Consolidated Expert Knowledge
  - Presenter: Sebastian Gottschalk
  - Authors: Sebastian Gottschalk, Jonas Kirchhoff, Gregor Engels
- **Paper 3:** VR-UML: The Unified Modeling Language in Virtual Reality - An Immersive Modeling Experience
  - Presenter: Roy Oberhauser
  - Author: Roy Oberhauser

#### Session 6: ENTERPRISE MODELING, SOFTWARE DEVELOPMENT
- **Paper 22:** Towards Augmented Enterprise Models as Low-Code Interfaces to Digital Systems
  - Presenter: Hans-Georg Fill
  - Authors: Hans-Georg Fill, Felix Härer, Fabian Muff, Simon Curty

#### Session 7: ARCHITECTURE AND DESIGN
- **Paper 4:** A Reference Architecture for Enhanced Design of Software Ecosystems
  - Presenter: Bahar Schwichtenberg
  - Authors: Sanket Kumar Gupta, Bahar Schwichtenberg, Gregor Engels
- **Paper 5:** Managing Knowledge of Intelligent Systems: The Design of a Chatbot Using Domain-Specific Knowledge
  - Presenter: Marcus Grum
  - Authors: Marcus Grum, David Kotarski, Maximilian Ambros, Tibebu Biru, Hermann Krallmann, Norbert Gronau

#### Session 8: SECURITY AND PRIVACY
- **Paper 9:** Benefits and Challenges in Information Security Certification - A Systematic Literature Review
  - Presenter: Maya Daneva
  - Authors: Mike Hulshof, Maya Daneva
- **Paper 10:** Privacy as a Service (PraaS): A Conceptual Model of GDPR to Construct Privacy Services
  - Presenter: Ella Roubtsova
  - Authors: Ella Roubtsova, Rachelle Bosua
- **Paper 11:** Privacy Enabled Software Architecture
  - Presenter: Aleksandar Dimov
  - Authors: Emilia Stefanova, Aleksandar Dimov
BMSD'21: List of Accepted Papers (Cont.)

Session 9: NON-FUNCTIONAL REQUIREMENTS, SOFTWARE ENGINEERING, PROJECT TIME ANALYSIS, SMART CONTRACTING

Paper 21: Value-Based Fuzzy Approach for Non-Functional Requirements Prioritization
Presenter: Johan Silvander
Author: Johan Silvander

Paper 23: Digital Transformation of Business Process Governance
Presenter: Mathias Kirchmer
Author: Mathias Kirchmer

Session 10: CONCEPTUAL ANALYSIS AND MODELING

Paper 15: Revisiting Human Relativism – Guidelines for Precision in Information Systems Modeling
Presenter: José Cordeiro
Author: José Cordeiro

Paper 16: Digital Transformation: Current Challenges and Future Perspectives
Presenter: Ivan. I. Ivanov
Author: Ivan I. Ivanov

Paper 17: Conceptual Model of the Ecosystem Value Balance
Presenter: Krista Sorri
Authors: Krista Sorri, Katariina Yrjönkoski

Session 11: ENTERPRISE ARCHITECTURE AND AGILITY

Paper 18: Enterprise Architecture and Agility: A Systematic Mapping Study
Presenter: Hong Guo
Authors: Hong Guo, Darja Smite, Jingyue Li, Shang Gao

Session 12: ARCHITECTURAL VIEWPOINTS

Paper 19: View and Viewpoint Reconstruction for Assisting the Preparation of Participatory Modeling Sessions
Presenter: David Naranjo
Authors: David Naranjo, Mario Sánchez

Session 13: NON-FUNCTIONAL REQUIREMENTS, SOFTWARE ENGINEERING, PROJECT TIME ANALYSIS, SMART CONTRACTING

Paper 22: Value-Based Fuzzy Approach for Non-Functional Requirements Prioritization
Presenter: Maya Daneva
Authors: Khush Bakht Ijaz, Irum Inayat, Maya Daneva, Faiza A. Bukhsh

Paper 24: A Heuristic Technique for Project Time Analysis in Conditions with High Uncertainty
Presenter: Maksim Goman
Author: Maksim Goman

Paper 25: ChainOps for Smart Contract-based Distributed Applications
Presenter: Willem-Jan van den Heuvel
Authors: Willem-Jan van den Heuvel, Damian A. Tamburri, Damiano D’Amico, Fabiano Izzo, Sandra Potten

Session 14: OPEN DATA

Paper 26: A Stakeholders Taxonomy for Opening Government Data Decision-Making
Presenter: Ahmad Luthfi
Authors: Ahmad Luthfi, Marijn Janssen

Session 15: IoT AND APPLICATIONS IN SMART CITIES

Paper 27: Towards IoT-Based Transport Development in Smart Cities: Safety and Security Aspects
Presenter: Ivan Garvanov
Authors: Ivan Garvanov, Magdalena Garvanova, Daniela Borissova, Bojan Vasovic, Denislav Kanev

Session 16: INDUSTRIAL PRESENTATIONS

Presentation 1: Presentation 2:
Presenter: Andreas Sinnhoffer