

BMSD'13 Technical Program

July 8	July 9	July 10
	08:30 Welcome Desk Registration	
	09:00 Keynote Lecture Prof. Dr. Marco Aiello <i>Chair: Prof. Dr. Leszek Maciaszek</i>	09:00 Welcome Desk Registration
	10:00 BMSD'13 Session 3: Full Papers Enterprise Arch. and Req. Engineering	09:30 Keynote Lecture Prof. Dr. Leszek Maciaszek <i>Chair: Prof. Dr. Kecheng Liu</i>
	11:00 Coffee-Break	10:30 BMSD'13 Session 8: Short Papers Business Modeling & Maturity Models
	11:15 BMSD'13 Session 4: Full Papers Business Models & Enterpr. Ontology	11:30 Coffee-Break
	12:45 Lunch	11:45 BMSD'13 Session 9: Short Papers BP Design, Verification, Execution
	13:45 BMSD'13 Session 5: Full Papers Business Process Modeling & Semiotics	12:45 Lunch
14:00 Welcome Desk Registration	15:15 Coffee-Break	13:45 BMSD'13 Session 10: Short Papers Business Modeling & Services
14:30 Opening Session	15:30 BMSD'13 Session 6: Full Papers Services	14:25 BMSD'13 Session 11: Short Papers Software Design & Databases
14:45 Panel <i>Chair: Dr. Boris Shishkov</i>	16:30 BMSD'13 Session 7: Short Papers Enterprise Resource Planning	15:25 Coffee-Break
15:45 Coffee-Break	16:50 Special Session e-Health Services and Technologies	15:35 Special Session + Discussion e-Health Services and Technologies
16:00 Keynote Lecture Prof. Dr. Kecheng Liu <i>Chair: Prof. Dr. Marco Aiello</i>	17:30 Special Session Applications	16:15 Special Session Intelligent Systems & Business Analysis
17:00 BMSD'13 Session 1: Full Papers Modeling and Modeling Languages		17:35 Closing Session
18:00 BMSD'13 Session 2: Full Papers Business Data and Semantics	19:30 BMSD'13 Banquet	
	23:00	

The list of ACCEPTED PAPERS follows on the next three pages

BMSD'13: List of Accepted Papers

Session 1: **MODELING AND MODELING LANGUAGES**

Paper 1:

Challenges of Modelling Landscapes, Pragmatics Swept Under the Carpet?

Presenter: **Erik Proper**

Authors: Marija Bjekovic and Erik Proper

Paper 2:

Analysis and Evaluation of Business Process Modeling Adoption in Collaborative Networks

Presenter: **Hodjat Soleimani Malekan**

Authors: Hodjat Soleimani Malekan and Hamideh Afsarmanesh

Session 2: **BUSINESS DATA AND SEMANTICS**

Paper 3:

Text Analysis with Ontology Reasoning

Presenter: **Anna Rozeva**

Author: Anna Rozeva

Session 3: **ENTERPRISE ARCHITECTURES AND REQUIREMENTS ENGINEERING**

Paper 4:

A Philosophical Foundation for Business and IT Alignment in Enterprise Architecture with the Example of SEAM

Presenter: **Gil Regev**

Authors: G. Regev, B. Bajic, A. Golnam, G. Popescu, G. Tapandjieva, A. Saxena, A. Wegmann

Paper 5:

Using Ex-SMCD for Developing Consistent Misuse Case Models with Extended Notation

Presenter: **Mohamed El-Attar**

Authors: Mohamed El-Attar and Hezam Akram Abdul-Ghani

Session 4: **BUSINESS MODELS AND ENTERPRISE ONTOLOGY**

Paper 6:

A Business Case Method for Business Models

Presenter: **Maria-Eugenia Iacob**

Authors: L. Meertens, E. Starreveld, M. Iacob, B. Nieuwenhuis

Paper 7:

Business Processes, Process Logic and Information Architecture, A Tentative Case Study

Presenter: **Coen Suurmond**

Author: Coen Suurmond

Paper 8:

Consistency, Complementalness, or Conflictation of Enterprise Ontology and Normalized Systems Business Process Guidelines

Presenter: **Philip Huysmans**

Authors: P. Huysmans, D. Van Nuffel, P. De Bruyn

Session 5: **BUSINESS PROCESS MODELING AND SEMIOTICS**

Paper 9:

Abstracting Imperative Workflow to Declarative Business Rules

Presenter: **Lex Wedemeijer**

Author: Lex Wedemeijer

Paper 10:

Cognition Capabilities and the Capability-Affordance Model

Presenter: **Vaughan Michell**

Author: Vaughan Michell

Paper 11:

Modelling and Validation of KPIs

Presenter: **Ella Roubtsova**

Authors: Ella Roubtsova and Vaughan Michell

Session 6: **SERVICES**

Paper 12:

Value Map: A Diagnostic Framework to Improve Value Creation and Capture in Service Systems

Presenter: **Arash Golnam**

Authors: A. Golnam, V. Viswanathan, C. Moser, P. Ritala, A. Wegmann

Paper 13:

Xchor: Choreography Language for Integration of Variable Orchestration Specifications

Presenter: **Selma Suloglu**

Authors: S. Suloglu, B. Tekinerdogan, H. Ali Dogru

Session 7: **ENTERPRISE RESOURCE PLANNING**

Paper 14:

ERP Implementation Success Through Effective Management of Roles and Responsibilities Among Stakeholders

Presenter: **Waiel Al-Rashid**

Authors: W. Al-Rashid, M. Alshawi, M. Al-Mashari

BMSD'13: List of Accepted Papers (Cont.)

Session 8: **BUSINESS MODELING AND MATURITY MODELS**

Paper 15:

Supporting Collaborative Product Development Through Automated Interpretation of Artifacts

Presenter: **Armin Lau**

Authors: M. Hauder, S. Roth, F. Matthes, A. Lau, H. Matheis

Paper 16:

Parameter Estimation and Equation Formulation in Business Dynamics

Presenter: **Marc Drobek**

Authors: M. Drobek, W. Gilani, D. Soban

Paper 17:

Analysis on the Value of Process Support Implementations for Quality Management

Presenter: **Michael Seitz**

Authors: Michael Seitz and Stefan Jablonski

Session 9: **BUSINESS PROCESS DESIGN, VERIFICATION, AND EXECUTION**

Paper 18:

A Case Study on Entropy Generation During Business Process Execution, A Monte Carlo Simulation of the Custom Bikes Case

Presenter: **Peter De Bruyn**

Authors: P. De Bruyn, P. Huysmans, H. Mannaert

Paper 19:

A Survey of Formal Business Process Verification: From Soundness to Variability

Presenter: **Marco Aiello**

Authors: Heerko Groefsema and Doina Bucur

Paper 20:

A Method for Reengineering and Prioritizing Goal Models

Presenter: **Jan Willem Harmannij**

Authors: Jan Willem Harmannij and Ella Roubtsova

Session 10: **BUSINESS MODELING AND SERVICES**

Paper 21:

The Determination of Service Couplings for Non-Disruptive Systems

Presenter: **Thunchira Thongmee**

Authors: T. Thongmee, H. Suzuki, T. Ohno, U. Silparchat

Paper 22:

Managing Business Model Objectives Through Platform Strategies: A Case Study of the Google Android Ecosystem

Presenter: **Karthik Jayaraman**

Author: Karthik Jayaraman

Session 11: **SOFTWARE DESIGN AND DATABASES**

Paper 23:

Soft Reservations: Uncertainty-Aware Resource Reservations in IaaS Environments

Presenter: **Vahid Mohammadi**

Authors: V. Mohammadi, S. Kounev, A. Juan-Verdejo, B. Surajbali

Paper 24:

Generating a Tool for Teaching Rule-based Design

Presenter: **Gerard Michels**

Authors: Stef Joosten and Gerard Michels

Paper 25:

The Development of an Imitation Model of a Multi-Tenant Database Cluster

Presenter: **Evgeny Boytsov**

Authors: Evgeny Boytsov and Valery Sokolov

Special Session: **e-Health Services and Technologies**

Paper 26:

Health Information Services Using Finger Plenthysmogram

Presenter: **Mayumi Oyama-Higa**

Authors: M. Higa, T. Miao, S. Takada

Paper 27:

Relationship Between Food Intake and Finger Plenthysmogram

Presenter: **Yoko Hirohashi**

Authors: Y. Hirohashi, M. Chiba, S. Lee, A. Umezawa

Paper 28:

Designing Spoken Dialogue Systems Based on Doctor-Patient Conversation in the Diagnosis Process

Presenter: **Tesfa Tegegne**

Authors: Tesfa Tegegne and Theo van der Weide

BMSD'13: List of Accepted Papers (Cont.)

Special Session: **Applications (Future Internet Applications for Traffic Surveillance and Management)**

Paper 29:

A Future of Traffic Management, Toward a Hybrid System of Roadside and Personal Mobile Devices

Presenter: **Tom Thomas**

Author: Tom Thomas

Special Session: **Intelligent Systems and Business Analysis**

Paper 30:

The ERP Systems in Modern Business and Corporate Management

Presenter: **Vladimir Monov**

Authors: B. Staykov, T. Atanasova, V. Monov, L. Doukovska

Paper 31:

Innovation Cycles Control Through Markov Decision Processes

Presenter: **Vassil Nikov**

Authors: V. Sgurev, S. Drangajov, L. Doukovska, V. Nikov

Paper 32:

Generalized Net Model of the Methodology for Analysis of the Creditworthiness and Evaluation of Credit Risk in SMEs Financing

Presenter: **George Shahpazov**

Authors: G. Shahpazov, L. Doukovska, K. Atanassov

Paper 33:

Forecasting Price Movement of Sofix Index on the Bulgarian Stock Exchange - Sofia Using an Artificial Neural Network Model

Presenter: **Veselin Shahpazov**

Authors: V. Shahpazov, V. Velev, L. Doukovska