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24–26 June
Luxembourg,
Grand Duchy of Luxembourg

BMSD 2014

Fourth International Symposium on Business Modeling and Software Design

Chair:
Dr. Boris Shishkov, IICREST, Bulgaria

The symposium is organized by **IICREST** in collaboration with **CRP Henri Tudor.** Cooperating organizations are: **AUTH** - Aristotle University of Thessaloniki, **SIKS** - the Nederlands Research School for Information and Knowledge Systems, **CTIT** - the U-Twente Centre for Telematics and Information Technology, and **AMAKOTA** Ltd.

Keynote Lecturers:
Prof. Dr. Erik Proper, CRP Henri Tudor, Luxembourg (Title: Exploring the Challenges of Modeling Landscapes)
Prof. Dr. Roel Wieringa, University of Twente, The Netherlands (Title: The Structure of Goal Models in Requirements Engineering)

Symposium Theme: GENERIC BUSINESS MODELING PATTERNS AND SOFTWARE RE-USE

BMSD is a leading international discussion and knowledge dissemination forum that brings together Researchers and Practitioners interested in: (i) Modeling in general and in particular - Conceptual Modeling, Goal Modeling, Value Modeling, Business/Enterprise Modeling, Process Modeling, Model-Driven Engineering; (ii) Enterprise Engineering and its relation to Software Generation; (iii) Information Systems Architectures and Design.

In 2014, BMSD will be held in Luxembourg, Grand Duchy of Luxembourg, following previous events in The Netherlands (Noordwijkerhout, 2013), Switzerland (Geneva, 2012), and Bulgaria (Sofia, 2011).

We welcome paper submissions from but not limited to the following areas and topics:

1. BUSINESS MODELS AND REQUIREMENTS
Business Analysis - Value Models and Process Models
Essential Business Models
Re-Usable Business Models
Relating Business Goals to Requirements
Business Process Coordination
Business Entities and Business Roles
Business Data and Semantics
Business Processes and Business Rules
Behavior Modeling and Pragmatics
Identification and Elicitation of Requirements
Domain-Imposed and User-Defined Requirements
Requirements Analysis

2. BUSINESS MODELS AND SERVICES
Business Modeling and Service Science
Relating Business Goals to the Identification of Services
Service Modeling - Technology-Independent & Platform-Specific
Business Rules and Service Composition
Autonomic Service Behavior
Context-Aware Service Behavior
Re-Usable Service Models

3. BUSINESS MODELS AND SOFTWARE
Business Modeling -Driven Derivation of Software
Business Innovation and Software Evolution
Business-IT Alignment and Traceability
Re-Usable Business Models and Software Components
Business Rules and Software Specification
Business Goals and Software Integration
Autonomic and Context-Aware Business/Software Systems
Affective Computing and User-Aware Software Systems

4. INFORMATION SYSTEMS ARCHITECTURES
Enterprise Architectures
Service-Oriented Architectures
Architectural Styles
Architectural Viewpoints
Crosscutting Concerns

Key dates
Position paper subm. deadline: **17 March 2014**
Notification of acceptance: **31 March 2014**
Final paper submission: **15 April 2014**

Types of contributions
Regular Papers - presenting research that is completed or almost finished
Position Papers - presenting an arguable opinion about and issue
Invited Papers - submitted by best paper authors and BMSD former/future Keynotes

Paper formats
Full Papers - 10-page limit in the symposium proceedings (oral presentation)
Short Papers - 6-page limit in the symposium proceedings (oral presentation)
Posters - 4 page limit in the symposium proceedings (poster presentation)

How to submit a Position Paper (6 steps)
1. View the technical scope
2. Prepare a contribution of no less than 3 and no more than 8 pages
3. Do paper formatting, using the provided templates (http://www.is-bmsd.org)
4. Remove your names and the names of your co-authors (and also your affiliations) from the title and references sections
5. Save the file as PDF
6. e-Mail the file to: secretariat@iicrest.org by the 17th of March, putting in the Subject: "BMSD 2014, Position Paper".

Publication
Accepted papers will be presented at BMSD 2014 and included in the symposium proceedings, published by SciTePress. All presented papers will also be included in the SciTePress Digital Library (http://www.scitepress.org/DigitalLibrary) and DBLP-indexed. Finally, the authors of selected best papers will be invited to submit revised and extended versions of their papers in a Springer LNBIP Revised Selected Papers book.

Proceedings of the previous editions
2013: http://www.is-bmsd.org/Documents/ProceedingsOfThirdBMSD.pdf
2012: http://www.is-bmsd.org/Documents/ProceedingsOfSecondBMSD.pdf
2011: http://www.is-bmsd.org/Documents/ProceedingsOfFirstBMSD.pdf

Venue
The BMSD sessions will be held at the Chambre des Metiers that is not only in very close proximity to both the University of Luxembourg and the CRP Henri Tudor but is also conveniently reachable by bus (for around 20 minutes) from both the city center and the airport. Luxembourg is the capital of the Grand Duchy, one of the founder states of the European Union, where about 43 per cent of the half million inhabitants are foreign. This multicultural ambience of day-to-day contact with people from the four corners of the Earth gives the small state an astonishingly cosmopolitan outlook - not least thanks to the European institutions and the financial center. It is however far easier to get around the capital (100 000 inhabitants) than it is in Berlin or Paris. The distances are short. There is a lively nightlife scene around the fashionable bars of Hollerich, the Grund, and Clausen. Furthermore, there are plenty of sports, leisure activities as well as events: cinemas and climbing parks, mountain bike trails and an enormous cultural range - from Jazz in the medieval city, contemporary art at MUDAM, theatre in every language or classical music in one of the most beautiful new buildings in Luxembourg, the Philharmonie. All this is set against the romantic backdrop of the medieval city (a UNESCO world heritage site since 1994), the castle in the richy-forested north and the vineyards - along the Mosel.

For more information
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