CALL FOR PARTICIPATION

BMSD 2014

24–26 June
Luxembourg,
Grand Duchy of Luxembourg

Fourth International Symposium on Business Modeling and Software Design

Chair:
Dr. Boris Shishkov, IICREST, Bulgaria

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)

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.

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). The BMSD'14 topics are as follows:

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

BMSD'14 PANEL

Topic: GENERIC BUSINESS MODELING PATTERNS AND SOFTWARE RE-USE - CURRENT VIEWS AND FUTURE PERSPECTIVES

Elaboration:

When developing an information system, we need adequate underlying business / enterprise models that would help appropriately considering the real-life business context in which the information system would have to operate. Hence, business-IT alignment has been actual for years already in numerous research projects. Even though many research activities have been in particular considering (as a promising direction) ideas on closing the gap between enterprise modeling and software design in a component-based way, it is still a question how to methodologically identify enterprise modeling patterns and reflect them to corresponding software components. We still miss exhaustive guidelines on how to realize this, taking into account granularity concerns, traceability concerns, and re-use concerns, to mention just a few. Further, a shift to service-based systems is inevitable since most current software applications are based on the use of services (running software instances) and this leads to many other questions because developers are often with limited or no control over the software components who are running the services that are used, but they should still keep this aligned to their enterprise models in general and corresponding enterprise modeling patterns, in particular. How do we see this enterprise-software relationship currently, from different perspectives and what developments we expect for the future? This would be the BMSD'14 Panel focus and the contribution of the Panel Members is greatly appreciated.

Panel Chair:

Dr.
Boris Shishkov
IICREST, BG

Panel Members:

Prof. Dr.
Ulrich Frank
University of Duisburg - Essen, DE

Prof. Dr.
Marijn Janssen
TU Delft, NL

Prof. Dr.
Leszek Maciaszek
Wrocław University of Economics, PL

Prof. Dr.
Florian Matthes
TU Munich, DE

Prof. Dr.
Erik Proper
CRP H.Tudor, LU

Prof. Dr.
Roel Wieringa
University of Twente, NL

How to register (3 steps)

1. Send a request by e-mail to: secretariat@iicrest.org
2. Transfer a participation fee as according to the instructions (to be received by e-mail)
3. Get your participation reconfirmation.

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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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

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