



6th International Workshop on
**Enterprise & Organizational Modeling and
Simulation**
EOMAS 2010

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In conjunction with the CAISE'10
22nd International Conference on Advanced Information Systems Engineering

Workshop Proceedings

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Proceedings

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Preface

The 21st century enterprises are crucial components in delivering services to society and contributing to economic prosperity. Service is provided when an enterprise is conducting its business within its business environment. With growing complexity of modern business processes and evolving business environments, enterprises require profound engineering approaches with properties such as ability for reengineering, scalability, adaptability, and reimplementation.

Enterprises are purposefully designed and implemented systems to fulfill certain functions. As any system, enterprises are objects of continuous improvements, redesign and reimplementation. Usually, a redesigning activity is triggered by changes in the business environment, where the enterprise is functioning (delivering its service), or need for efficiency. The departure point for any design or redesign is understanding the enterprise business processes. Therefore, in the overall enterprise engineering activities, business process modeling plays a central role. However, an extended enterprise and organizational study involves both analysis and design activities, in which Modeling and Simulation play prominent roles.

The growing role of Modeling and Simulation attracts serious attention of researchers in the context of enterprises. Modeling and simulation are the tools and methods that are effective, efficient, economic, and widely used in enterprise engineering, organizational study, and business process management. Complementary insights of modeling and simulation in enterprise engineering constitute a whole cycle of study of these complex sociotechnical systems enterprises. In order to monitor and study business processes and interaction of actors in a realistic and interactive environment, animation and gaming are the other two rapidly growing fields associated with enterprise and organizational study, and business process management.

In order to explore these topics, address the underlying challenges, find and improve solutions, and demonstrate application of modeling and simulation in enterprise engineering, its organization and underlying business processes, peer refereed papers have been accepted for presentation at EOMAS 2010. These proceedings include only a subset of the fully reviewed papers while the other subset is published in a book format in the LNBIP series by Springer.

May 2010

Joseph Barjis
Workshop Chair
EOMAS 2010

Organization

The EOMAS workshop is annually organized as an international forum for researchers and practitioners in the field of Enterprise & Organization Modeling and Simulation. Organization of this workshop and peer review of the contributions made to this workshop are accomplished by an international team of researchers in the fields of Enterprise Modeling and Simulation.

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- SIGMAS (Special Interest Group on Modeling And Simulation of the Association for Information Systems) - in collaboration
- SIGSIM (Special Interest Group on Simulation of the Association for Computing Machinery) – in Collaboration
- CAiSE 2010 (International Conference on Advanced Information Systems Engineering)
- TU Delft (Delft University of Technology, Department of Systems Engineering)

Table of Contents

| | |
|--|-----|
| Preface <i>Joseph Barjis</i> | I |
| Keynote Presentation | |
| Business Process Simulation Revisited <i>Wil van der Aalst</i> | V |
| Research Papers | |
| Automated Model Transformations Based on STRIPS Planning <i>Oldrich Nouza, Vojtech Merunka and Miroslav Virius</i> | 1 |
| A Framework and Methodology for Enterprise Process Type Configurations <i>Peter Bollen</i> | 14 |
| A Structural Verification of Web Services Composition Compatibility <i>Kamel Barkaoui, Maryam Eslamichalandar, Meryem Kaabachi</i> | 30 |
| Proposition of a Generic Metamodel for Modeling Interorganizational Business Processes <i>Khoutir Bouchbout, Jacky Akoka and Zaia Alimazighi</i> | 42 |
| Reengineering the Learning Process in a Transport Company <i>Pieter de Vries and Heide Lukosch</i> | 57 |
| Gross Product Simulation with pooling of Linear and Nonlinear Regression Models <i>Ahmad Flaih, Abbas Abdalmuhsen, Ebtisam Abdulah and Srin Ramaswamy</i> | 69 |
| Actionable Meta Models to Support Inter Organizational Business Processes Modeling for e-Services <i>P. Radha Krishna and Murali Mohan Narasipuram</i> | 77 |
| Discovering Organizational Perspective in Workflow using Agent Approach: An illustrative Case Study <i>Mahdi Abdelkafi and Lotfi Bouzguenda</i> | 84 |
| Towards a Center for Modeling and Simulation: The Case for Jordan <i>Ghaith Rabadi and Hazem Kaylani</i> | 99 |
| Modeling Cross-Docking Operations using Discrete Event Simulation <i>Georges Arnaout, Elkin Rodriguez-Velasquez, Ghaith Rabadi and Rami Musa</i> | 113 |
| Feasibility Study Inputs based on Requirements Engineering <i>Robert Pergl</i> | 121 |
| Towards the Conceptual Normalisation <i>Martin Molhanec</i> | 133 |
| Real-time Web Services Orchestration and Choreography <i>Kawtar Benghazi, Carlos Rodríguez-Domínguez, Ana Belén Pelegrina, and José Luis Garrido</i> | 142 |