

Preface

This book contains the proceedings of two well established scientific events held in connection with the CAiSE conferences relating to the areas of enterprise, business-processes, and information systems modeling:

- The 11th International Workshop on Business Process Modeling, Development and Support (BPMDS 2010);
- The 15th International Conference on Exploring Modeling Methods for Systems Analysis and Design (EMMSAD 2010).

The two events are introduced briefly below.

BPMDS 2010

BPMDS 2010 was the 11th in a series of workshops that have successfully served as a forum for raising and discussing new ideas in the area of business process development and support.

The BPMDS series has produced 10 workshops from 1998 to 2009. Eight of these workshops, including the last seven (BPMDS 2003–BPMDS 2009) were held in conjunction with CAiSE conferences. The BPMDS workshops focus on topics relating to IT support for business processes, which addresses key issues that are relevant to the continuous development of information systems theory. The continued interest in these topics within the industrial and academic IS communities is reflected by the success of the last BPMDS workshops and the emergence of new conferences devoted to this theme.

Previous BPMDS workshops focused on the different phases in the business process life-cycle as well as the drivers that motivate and initiate business process design and evolution.

This edition of the BPMDS workshop (BPMDS 2010) focused on non-dominant perspectives of business processes and their integration. The workshop was devoted to the following three topics:

- Non-dominant perspectives/sets of perspectives on business processes; for instance, goal, state, context, and resource;
- Finding out which perspectives are most appropriate to particular practical and/or theoretical tasks of business process modeling, development and support (BPMDS); finding BPMDS tasks/problems that can be accomplished/solved when using a particular perspective;
- Connecting several perspectives (including a dominant one) together. Each perspective can be considered as a projection of the business process in a particular dimension and a set of perspectives can be considered as a way of organizing a multi-dimensional space. Therefore, connecting several perspectives can provide a multi-dimensional representation of the business process.

The 13 papers accepted to BPMDS 2010 were selected from among 27 papers submitted from 17 countries (Algeria, Australia, Austria, Cameroun, China, France, Germany, Israel, Japan, Jordan, Luxembourg, Morocco, Spain, Sweden, The Netherlands, Tunisia and Turkey). They cover a wide spectrum of issues related to the multi-dimensional perspectives on business processes. They are organized under the following section headings:

- State oriented perspective
- Service provision as a perspective
- Knowledge sharing and collaboration as perspectives
- ‘Fine-tuning’ as a perspective: scheduling, configuration and efficiency
- Integrating multiple perspectives

We wish to thank all the people who submitted papers to the workshop for having shared their work with us, as well as the members of the BPMDS 2010 Program Committee and the workshop organizers of CAiSE 2010 for their help with the organization of the workshop.

The goals, format, and history of BPMDS can be found on the web site: <http://www.ibissoft.se/bpmds.html>

March 2010

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EMMSAD 2010

The field of information systems analysis and design includes numerous information modeling methods and notations (e.g., ER, ORM, UML, DFDs, BPMN), that are typically evolving. Even with some attempts to standardize (e.g., UML for object-oriented design), new modeling methods are constantly being introduced, many of which differ only marginally from existing approaches. These ongoing changes significantly impact the way information systems are analyzed and designed in practice. This conference focuses on exploring, evaluating, and enhancing current information modeling methods and methodologies. Though the need for such studies is well recognized, there is a paucity of such research in the literature.

The objective of EMMSAD 2010 was to provide a forum for researchers and practitioners interested in modeling methods in systems analysis and design to meet, and exchange research ideas and results. It also gave the participants an opportunity to present their research papers and experience reports, and to take part in open discussions.

EMMSAD 2010 was the fifteenth in a very successful series of EMMSAD events, previously held in Heraklion, Barcelona, Pisa, Heidelberg, Stockholm, Interlaken, Toronto, Velden, Riga, Porto, Luxembourg, Trondheim, Montpellier and Amsterdam. This year we had 22 papers submitted by authors from 16 different countries (Australia, Brazil, France, Germany, Ireland, Israel, Italy, Luxembourg, Malaysia, The Netherlands, Norway, South Africa, Spain, Sweden, Switzerland and Tunisia). After an extensive review process by a distinguished international program committee, with each paper receiving at least three reviews, we accepted the 14 papers that appear in these proceedings. Congratulations to the successful authors!

Apart from the contributions of the authors, the quality of this conference depended in no small way on the generous contribution of time and effort by the program committee and the additional reviewers. Their work is greatly appreciated. Continuing with our very successful collaboration with IFIP WG 8.1 that started in 1997, this year's conference was again a joint activity of CAiSE and WG 8.1. The European INTEROP Network of Excellence has also sponsored this conference since 2005, as has AIS-SIGSAND. For more information on the conference, see our website <http://www.emmsad.org>.

March 2010

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