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Proceedings

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Preface

A warm welcome to the proceedings of the 23rd International Conference on Advanced Information Systems Engineering (CAiSE 2011)! The CAiSE series of conferences started in 1989 with the objective to provide a forum for the exchange of experience, research results, ideas and prototypes in the field of information systems engineering. Twenty-two years later, CAiSE has established itself as a leading venue in the information systems area for presenting and exchanging results of emerging methods and technologies that facilitate innovation and create business opportunities.

CAiSE 2011, held in London during June 20–24, 2011 continued this tradition. The theme of CAiSE 2011 was “Information Systems Olympics: Information Systems in a Diverse World.” This year’s CAiSE conference theme was linked to the coming London Olympic and Paralympic Games 2012, two international multi-sport events that bring together athletes from all continents to celebrate sporting excellence but also human diversity. Diversity is an important concept for modern information systems. Information systems are diverse by nature ranging from basic systems to complex ones and from small to large. The process of constructing such systems is also diverse ranging from ad-hoc methods to structured and formal methods. Diversity is also present among information systems developers, from novice to experienced. Moreover, the wide acceptance of information systems and their usage in almost every aspect of human life has also introduced diversity among users. Users are both novice and experienced and they demonstrate differences related to race, ethnicity, gender, socio-economic status, age, physical abilities, religious beliefs, and so on. It is therefore the responsibility of the information systems engineering community to engineer information systems that operate in such a diverse world.

CAiSE 2011 received 320 submissions, the largest number ever received in the CAiSE conference series. Most of the submissions came from Germany, Spain, Italy, France and China. Following an extensive review process, which included a Program Committee/Program Board meeting during February 13–14, 2011 in London, 42 submissions were accepted as full papers and 5 as short papers. Accepted papers addressed a large variety of issues related to the conference and were organized into ten themes: Requirements, Adaptation and Evolution, Model Transformation, Conceptual Design, Domain-Specific Languages, Case Studies and Experiences, Mining and Matching, Service and Management, Validation and Quality, Business Process Modeling. The program of the conference was also supplemented by a number of tutorials, 11 workshops, a Doctoral Consortium, the CAiSE Forum, and two working conferences. Two keynote speeches were delivered as part of the conference program. Anthony Finkelstein talked about “Open Challenges at the Boundaries Software Engineering and Information Systems,” while Dimitrios Beis talked about “Information Systems for the

Olympics Games.” Moreover, a panel discussed issues related to “Green and Sustainable Information Systems.”

The organization and successful running of a large conference such as CAiSE would not be possible without the valuable help and time of a large number of people. As editors of this volume, we would like to express our gratitude to the Program Committee members, additional reviewers and the Program Board members for their valuable support in selecting the papers for the scientific program of the conference; to the authors of the papers for sending their work to CAiSE; to the presenters of the papers; and to the participants of the conference for their contribution. We also thank our sponsors and the General Chair and Chairs of the various CAiSE 2011 committees for their assistance in creating an exciting scientific program. We would also like to thank the local Organizing Committee at the University of East London for their hospitality and the organization of the social events of the conference.

March 2011

Colette Rolland
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