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Advances in Conceptual Modeling

ER 2012 Workshops: CMS, ECDM-NoCoDA, MoDIC,
MORE-BI, RIGiM, SeCoGIS, WISM
Florence, Italy, October 15-18, 2012
Proceedings



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Preface

This volume contains the proceedings of the workshops associated with the 31st International Conference on Conceptual Modeling (ER 2012) and the papers associated with the Demonstration Session of ER 2012.

Continuing the ER tradition, the ER 2012 workshops provided researchers, students, and industry professionals with a forum to present and discuss emerging, cutting-edge topics related to conceptual modeling and its applications. After a call for workshop proposals, the following seven workshops were selected and organized out of 12 high-quality submissions:

- CMS, Third International Workshop on Conceptual Modelling of Services
- ECDM-NoCoDa, International Workshop on Evolution and Change in Data Management (ECDM) and Non-Conventional Data Access (NoCoDA)
- MoDIC, International Workshop on Modeling for Data-Intensive Computing
- MORE-BI, Second International Workshop on Modeling and Reasoning for Business Intelligence
- RIGiM, 4th International Workshop on Requirements, Intentions and Goals in Conceptual Modeling
- SeCoGIS, 6th International Workshop on Semantic and Conceptual Issues in Geographic Information Systems
- WISM, 9th International Workshop on Web Information Systems Modeling

The workshops cover different conceptual modeling topics, from requirements, goal and service modeling, to evolution and change management, to non-conventional data access, and they span a wide range of domains including Web information systems, geographical information systems, business intelligence, data-intensive computing.

These seven workshops received a total amount of 84 submissions. Following the rule of the ER workshops, the respective workshop Program Committees carried out peer reviews and accepted a total number of 32 papers with an acceptance rate of 38%. We also invited speakers who significantly enhanced the perspectives and quality of the ER 2012 workshops. For the demonstration session, six papers were selected with the aim of demonstrating new and innovative applications.

Setting up workshops and demonstrations required a lot of effort and involved many people. We would like to thank the workshop organizers, for their invaluable collaboration and their significant effort to provide a successful workshop edition; the workshops Program Committees and external reviewers, for their professional contribution to the paper review that ensured such a high-quality program; the Program Committee of the demonstrations for the diligence in selecting the papers in this volume.

We would also thank the conference Co-chairs, Valeria De Antonellis and Stefano Rizzi, for their continuous support and the help in setting up the final program. A very special thanks to Stefano Montanelli for his hard work in editing this volume.

Finally, we would like to express our sincere appreciation to the authors of all the submitted papers for the high-quality contributions. We rely on their continuous support to keep up the high quality of the ER conference.

July 2012

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