

Preface

The 7th International Conference on Model and Data Engineering (MEDI 2017) took place in Barcelona during October 4–6, 2017. MEDI conferences present the latest research on models and data theory, development of advanced technologies related to models and data, as well as their advanced applications. MEDI 2017 followed the success of the six previous events. It focused on model engineering and data engineering.

These proceedings contain the technical papers selected for presentation at the conference. MEDI 2017 received 69 submissions from over 30 countries. Each paper was reviewed by at least three reviewers and the Program Committee accepted 20 long papers and 7 short papers. This selection led to an excellent scientific program since the scope of the papers covered all recent and relevant topics in the areas of advanced information systems, mining complex databases, ontology-based applications, model-driven engineering, formal modeling, and systems assessment.

In addition to the technical papers selected for presentation at the conference, these proceedings also contain the papers of two invited keynote speakers. Bernhard Rumpe from RWTH Aachen University, Germany gave a talk entitled “Advances in Model Language Engineering” centered towards model-driven engineering. The second talk, entitled “Schema Evolution and Gravitation to Rigidity: A Tale of Calmness in the Lives of Structured Data”, was given by Panos Vassiliadis from the University of Ioannina, Greece. We would like to thank the keynote speakers for their contribution to the success of MEDI 2017.

MEDI 2017 would not have succeeded without the support and cooperation of the Program Committee members and also the external reviewers, who carefully reviewed and selected (210 reviews) the best contributions. We would like to thank all the authors who submitted the papers, the reviewers, the Program Committee members, and the Organization Committee members for their investment and involvement in the success of MEDI 2017.

The EasyChair system was used for the management of MEDI 2017 and it provided a very helpful framework for the submission, review, and volume preparation processes.

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