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Proceedings

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Preface

Web engineering is now a well-established and mature field of research with strong relationships with other disciplines such as software engineering, human–computer interaction, and artificial intelligence. Web engineering has also been recognized as a multidisciplinary field, which is growing fast together with the growth of the World Wide Web. This evolution is manifested in the richness of the Web Engineering Conferences which attract researchers, practitioners, educators, and students from different countries.

This volume contains the proceedings of the 10th International Conference on Web Engineering (ICWE 2010), which was held in Vienna, Austria, in July 2010. The ICWE conferences are among the most essential events of the Web engineering community. This fact is manifested both by the number of accomplished researchers that support the conference series with their work and contributions as well as by the continuing patronage of several international organizations dedicated to promoting research and scientific progress in the field of Web engineering.

ICWE 2010 followed conferences in San Sebastian, Spain; Yorktown Heights, NY, USA; Como, Italy; Palo Alto, CA, USA; Sydney, Australia; Munich, Germany; Oviedo, Spain; Santa Fe, Argentina; and Caceres, Spain.

This year’s call for research papers attracted a total of 120 submissions from 39 countries spanning all continents of the world with a good coverage of all the different aspects of Web engineering. Topics addressed by the contributions included areas ranging from more traditional fields such as model-driven Web engineering, Web services, performance, search, Semantic Web, quality, and testing to novel domains such as the Web 2.0, rich Internet applications, and mashups. All submitted papers were reviewed in detail by at least three members of the Program Committee, which was composed of experts in the field of Web engineering from 23 countries. Based on their reviews, 26 submissions were accepted as full papers, giving an acceptance rate of 22%. Additionally, we had six papers in the Industry Track. The program was completed by 13 posters and demonstrations that were selected from 26 submissions and presented in dedicated sessions at the conference. Finally, the conference was also host to keynotes by Wendy Hall (University of Southampton, UK) Serge Abiteboul (INRIA, France), and Bradley P. Allen (Elsevier Labs, USA), as well as an outstanding collection of tutorials and workshops.

We would like to express our gratitude to all the institutions and sponsors that supported ICWE 2010, namely, the Vienna University of Technology, the Business Informatics Group, the Austrian Computer Society, the Austrian Federal Ministry of Science and Research, the Austrian Federal Ministry for Transport, Innovation and Technology, the Vienna Convention Bureau, SIEMENS AG, Google, and Austrian Airlines. The conference would not have been

possible without the endorsement of the International World Wide Web Conference Committee (IW3C2), and the International Society for Web Engineering (ISWE). In this context, we would especially like to thank Bebo White and Martin Gaedke for their work as our liaisons to these two organizations. Thanks also to Geert-Jan Houben, who acted as liaison to the ICWE Steering Committee.

We are also indebted to the Chairs of the different tracks (Claudio Bartolini, Heiko Ludwig, Florian Daniel, Federico M. Facca, Jaime Gomez, Daniel Schwabe, Marco Brambilla, Sven Casteleyn, Cesare Pautasso, Takehiro Tokuda, Hamid Motahari, Birgit Pröll, Manuel Wimmer and Schahram Dustdar), to the members of the Program Committee, to the external reviewers, and to the local organizers. All of them helped with their enthusiastic work to make ICWE 2010 a reality and success. Finally, a special thanks to all the researchers and students who contributed with their work and participated in the conference, as well as to EasyChair for the great support.

July 2010

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