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Web Engineering

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Proceedings

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Preface

The crucial role of the Web in every aspect of contemporary societies and of everyday life is clearly visible at a global scale. Web engineering strives to accomplish the wish of an accessible, universal and affordable virtual platform where people and applications can smoothly interact. To this end, Web engineering systematically applies the knowledge and techniques of a large range of disciplines, spanning from computer science to social sciences.

This volume contains the proceedings of the 12th International Conference on Web Engineering (ICWE2012), which was held in Berlin, Germany, in July 2012. Berlin has an outstanding research landscape in computer science. The Freie Universität Berlin and three large universities in and surrounding Berlin offer computer science and information systems degrees. Berlin and Potsdam host various world-renown research institutions. The upcoming EU Knowledge Innovation Center on ICT as part of the European Institute of Technology will be located in Berlin. This makes Berlin a perfect place for researchers and practitioners to meet and discuss innovation in ICT in general and on the Web in particular. The ICWE conferences represent first-class forums for the Web engineering community. ICWE is endorsed by the International World Wide Web Conference Committee (IW3C2) and the International Society for Web Engineering (ISWE). Previous editions took place at Paphos (Cyprus), Vienna (Austria), San Sebastian (Spain), Yorktown Heights, NY (USA), Como (Italy), Palo Alto, CA (USA), Sydney (Australia), Munich (Germany), Oviedo (Spain), Santa Fe (Argentina), and Cáceres (Spain).

This year's call for papers attracted 98 submissions from 37 countries. Paper topics cover a broad range of areas, namely, Web modeling, linked data management, Web services, mashups, AJAX, user interfaces, personalization, search, social networks and so on. Submitted papers were reviewed by at least three reviewers from the Program Committee comprising 69 experts in Web engineering. Based on their reviews, 20 submissions were accepted as full papers (acceptance rate of 20%) and 15 submissions were accepted as short papers (acceptance rate of 15%). In addition, six posters, 12 demos, and five tutorials were also part of the conference program. The conference hosted a keynote by Richard Soley, president of OMG, on the impact of standardization on the Web and Web engineering activities. Several co-hosted workshops offered a venue for specialists to discuss on-going research and devise future research agendas.

Such an eventful program would not have been possible without the involvement of a large number of people and institutions. We would like to express our deep gratitude to Freie Universität Berlin as the local organizer. We are also indebted to Geert-Jan Houben, who acted as liaison to ISWE and ICWE Steering Committee, and to Bebo White, who acted as liaison to the IW3C2.

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