

Preface

This book includes extended and revised versions of a set of selected papers from WEBIST 2014 (the 10th International Conference on Web Information Systems and Technologies), held in Barcelona, Spain, in 2014, organized and sponsored by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC). The conference was technically sponsored by the European Research Center for Information System (ERCIS).

The purpose of the WEBIST series of conferences is to bring together researchers, engineers, and practitioners interested in technological advances and business applications of Web-based information systems. WEBIST had five main topic areas, covering different aspects of Web Information Systems, including “Internet Technology,” “Web Interfaces and Applications,” “Society, e-Business, e-Government,” “Web Intelligence,” and “Mobile Information Systems.”

The conference was also complemented by one special session, namely, the Special Session on Business Apps – BA 2014 (chaired by Tim A. Majchrzak).

WEBIST 2014 received 153 paper submissions from 49 countries on all continents. A double-blind review process was enforced, with the help of 214 experts from the International Program Committee; each of them specialized in one of the main conference topic areas. After reviewing, 23 papers were selected to be published and presented as full papers and 41 additional papers, describing work-in-progress, as short papers. Furthermore, 35 papers were presented as posters. The full-paper acceptance ratio was 15 %, and the total oral paper acceptance ratio was 42 %.

The papers included in this book were selected from those with the best reviews taking also into account the quality of their presentation at the conference, assessed by session chairs. Therefore, we hope that you find these papers interesting, and we trust they may represent a helpful reference for all those who need to address any of the research aforementioned areas.

We wish to thank all those who supported and helped to organize the conference. On behalf of the conference Organizing Committee, we would like to thank the authors, whose work mostly contributed to a very successful conference and to the members of the Program Committee, whose expertise and diligence were instrumental to ensure the quality of final contributions. We also wish to thank all the members of the Organizing Committee whose work and commitment was invaluable. Last but not least, we would like to thank Springer for their collaboration in getting this book to print.

April 2015

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Web Information Systems and Technologies
10th International Conference, WEBIST 2014,
Barcelona, Spain, April 3-5, 2014, Revised Selected
Papers

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2015, XV, 380 p. 113 illus. in color., Softcover

ISBN: 978-3-319-27029-6