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Mobile Web and Intelligent Information Systems

12th International Conference, MobiWis 2015
Rome, Italy, August 24–26, 2015
Proceedings

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Preface

This volume includes a collection of research articles presented at the 12th International Conference on Mobile Web and Intelligent Information Systems (MobiWis 2015), held in Rome, Italy, August 24–26, 2015.

Mobile Web and technologies have now become part of everyday life. The number and use of mobile/smart phone users has been increasing at a rapid pace. People have now access to the Web at anytime and from anywhere in order to carry out various activities ranging from simple Web browsing through to social networking (Twitter, WhatsApp, Facebook) to online shopping. The surge of mobile apps has further contributed to the significant increase in the use and popularity of mobile Web. Google Play, Apple's App Store, and others provide a plethora of apps for different mobile devices and for different tasks. Examples include, FitBit, AEMC, GMaps+, Viber, and Uber, to name but a few.

The International Conference on Mobile Web and Intelligent Information Systems (MobiWis) aims to advance research on and practical applications of mobile Web, information systems, and related mobile technologies. It provides a forum for researchers, developers, and practitioners from academia and industry to share research ideas, knowledge, and experiences in the areas of mobile Web and information systems. MobiWis 2015 comprised a set of tracks that included new and emerging areas such as: smart and intelligent systems, mobile software systems, middleware/SOA for mobile systems, context- and location-aware services, data management in the mobile Web, mobile cloud services, mobile Web of things, mobile Web security, trust and privacy, mobile networks, protocols and applications, mobile commerce and business services, HCI in mobile applications, social media, and adaptive approaches for mobile computing.

MobiWis 2015 attracted 55 submissions from various countries across the world. All the papers were peer-reviewed by members of the Program Committee. Based on the reviews, 20 papers were accepted for the conference – 17 full and 3 short papers, with the acceptance rate of 36 %. The accepted papers covered a range of topics related to the theme of the conference. In addition to the research articles, MobiWis 2015 featured two invited talks by Riccardo Rosati, Sapienza Università di Roma, Italy, and Avigdor Gal, Technion - Israel Institute of Technology, Israel. These talks were delivered in conjunction with the co-located conferences of the Third International Conference on Future Internet of Things and Cloud (FiCloud 2015) and the International Conference on Open and Big Data (OBD 2015).

We would like to thank the invited speakers for delivering very interesting and visionary talks. We would also like to thank all authors for submitting their work to MobiWis 2015 and for contributing to this. We also thank all the Program Committee members who provided valuable and constructive feedback to the authors and to the program chairs. We would like to thank members of the Organizing Committee for their help and support in the organization of the conference.

We would like to thank the local organizing team of the Sapienza Università di Roma, Italy, for their great help and support, in particular Francesco Leotta and Andrea Marrella. Our sincere thanks also go to the Springer LNCS team, Alfred Hofmann, and Anna Kramer for their valuable support in the approval and production of the conference proceedings.

August 2015

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