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Mobile Web and Intelligent Information Systems

15th International Conference, MobiWIS 2018
Barcelona, Spain, August 6–8, 2018
Proceedings

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Preface

The 15th International Conference on Mobile Web and Intelligent Information Systems (MobiWis 2018) was held in Barcelona, Spain, during August 6–8, 2018. Barcelona is the capital of Catalonia and one of the largest cities in Spain. It is also one of the leading tourist and economic centers in the world. Barcelona also hosts one of the largest technological events, GSMA Mobile World Congress, which is attended by a large number of participants from various industries and organizations across the world.

With the tremendous growth in the use of mobile devices such as smart phones, tablets, and wearable devices, mobile web has created new ways for producing and consuming web information. Mobile web plays an increasingly important role in modern society giving people ubiquitous access to relevant information anytime and anywhere. More and more people are accessing web information through mobile devices as compared with desktop computers.

The International Conference on Mobile Web and Intelligent Information Systems (MobiWis) aims to advance research on and practical applications of mobile web, intelligent information systems, and related mobile technologies. It provides a forum for researchers, developers, and practitioners from academia, industry, and the public sector to share research ideas, knowledge, and experiences in the areas of mobile web and information systems. The call for papers of MobiWis 2018 included interesting and timely areas such as: mobile web systems, recommender systems, security and authentication, context-awareness, mobile web and advanced applications, cloud and IoT, mobility management, mobile and wireless networks, and mobile web practice and experience.

MobiWis 2018 attracted a good number of submissions from different countries across the world. This year, 50 papers were submitted to MobiWis 2018. All submitted papers were reviewed by multiple members of the Program Committee. Based on the reviews, 17 papers were accepted for the conference — with 15 full and 2 short papers. This shows an acceptance rate of 34%. The accepted papers covered a range of topics related to the theme of the conference. These include: mobile web and apps, wireless sensor networks, web services, cloud services, web applications, and various web technologies.

The MobiWis 2018 program also included two keynote talks delivered by Prof. Gottfried Vossen (University of Münster, Germany) and Prof. Luis Muñoz (University of Cantabria, Spain). These talks were delivered in conjunction with the co-located conferences of the IEEE 6th International Conference on Future Internet of Things and Cloud (FiCloud 2018) and the 4the International Conference on Big Data Innovations and Applications (Innovate-Data 2018), IEEE-TCI. We would like to thank the keynote speakers for delivering interesting and thought-provoking talks.

We thank all the Program Committee members, who provided valuable and constructive feedback to the authors. We also thank Dr. Aneta Poniszewska-Maranda (Workshop

Coordinator), Dr. Barbara Masucci (Publicity Chair), and Dr. Farookh Hussain (Special Issues Chair for International Journals) for their help and support. We would like to thank the local organizing team of the i2Cat Foundation, Spain, for their great help and support.

Our sincere thanks also go to the Springer LNCS team, Alfred Hofmann, and Anna Kramer for their valuable support in the production of the conference proceedings.

August 2018

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