

Preface

This volume includes a collection of research articles presented at the 13th International Conference on Mobile Web and Intelligent Information Systems (MobiWis 2016), which was held in Vienna, Austria, during August 22–24, 2016.

With the universal application of 3G and 4G technologies, mobile Web and information systems continue to penetrate social lives, businesses, politics, economies, health care, and education among others. The number of mobile devices (such as smart phones, tablets, etc.) and their technical capacities have been increasing at an enormous rate. Mobile devices have now become one of the main portals for people to access the Web and millions of mobile Apps. People use mobile devices to carry out daily tasks such as checking the prices of grocery at supermarket, getting updates on road traffic conditions and weather, online shopping and banking, and communicating on social media networks such as Twitter, WhatsApp, Facebook, YouTube, etc.

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 for MobiWis 2016 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 2016 attracted 98 submissions from various countries across the world. All the papers were peer-reviewed by the members of the Program Committee. Based on the reviews, 36 papers were accepted for the conference – comprising 31 full and five 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 2016 featured a distinguished invited talk delivered by Prof. Latif Ladid (University of Luxembourg), who is the Founder and President of the IPv6 FORUM and the Founding Chair of the 5G World Alliance. The invited talk was delivered in conjunction with the co-located conferences of the IEEE 4th International Conference on Future Internet of Things and Cloud (FiCloud 2016) and the Second International Conference on Open and Big Data (OBD 2016).

We would like to thank the invited speaker for delivering timely and visionary talks. We would also like to thank all authors for their contributions to MobiWis 2016. 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 Barbara Masucci (Workshop Coordinator), Jian Yu (Journal Special Issues

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Muhammad Younas
Irfan Awan
Natalia Kryvinska
Christine Strauss
Do van Thanh

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