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# Knowledge Science, Engineering and Management

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# Preface

The International Conference on Knowledge Science, Engineering and Management (KSEM) provides a forum for researchers in the broad areas of knowledge science, knowledge engineering, and knowledge management to exchange ideas and to report state-of-the-art research results. KSEM 2018 was the 11th in this series, building on the success of ten events in Guilin, China (KSEM 2006); Melbourne, Australia (KSEM 2007); Vienna, Austria (KSEM 2009); Belfast, UK (KSEM 2010); Irvine, USA (KSEM 2011); Dalian, China (KSEM 2013); Sibiu, Romania (KSEM 2014); Chongqing, China (KSEM2015); Passau, Germany (KSEM 2016) and Melbourne, Australia (KSEM 2017).

The selection process this year was competitive. We received 262 submissions, and each submitted paper was reviewed by at least three members of the Program Committee (PC). Following this independent review, there were discussions among reviewers and PC chairs. A total of 62 papers were selected as full papers (23.6%), and another 26 as short papers (9.9%), yielding a combined acceptance rate of 33.5%. Moreover, we were honored to have three prestigious scholars giving keynote speeches at the conference: Prof. Anthony Hunter (University College London, UK), Prof. Qiang Yang (The Hong Kong University of Science and Technology, SAR China), and Prof. Meikang Qiu (Pace University, USA). The abstract of Prof. Hunter's talk is included in this volume.

We would like to thank everyone who participated in the development of the KSEM 2018 program. In particular, we want to give special thanks to the PC, for their diligence and concern for the quality of the program, and also for their detailed feedback to the authors. The general organization of the conference also relied on the efforts of the KSEM 2018 Organizing Committee.

Moreover, we would like to express our gratitude to the KSEM Steering Committee honorary chair, Ruqian Lu (Chinese Academy of Sciences, China), as well as the KSEM 2018 general co-chairs, Prof. Qiang Yang (The Hong Kong University of Science and Technology, SAR China), Prof. Joerg Siekmann (DFKI and Saarland University, Germany), and Prof. Xiaohui Wei (Jilin University, China). We are also grateful to the team at Springer led by Alfred Hofmann for publication of this volume.

Finally, and most importantly, we thank all the authors, who are the primary reason that KSEM 2018 was so exciting and why it remains the premier forum for presentation and discussion of innovative ideas, research results, and experience from around the world.

June 2018

Weiru Liu  
Fausto Giunchiglia  
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