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Current Trends in Web Engineering

ICWE 2019 International Workshops
DSKG, KDWEB, MATWEP
Daejeon, South Korea, June 11, 2019
Proceedings

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Preface

This volume collects the papers presented at the workshops co-located with the 19th International Conference on Web Engineering (ICWE 2019), held on June 11, in Daejeon, South Korea. The objective of the conference is to bring together researchers and practitioners from various disciplines in academia and industry to address and discuss the emerging challenges in the engineering of Web applications and associated technologies, as well as to assess the impact of these technologies on society, media, and culture.

As in previous years, the conference main program was complemented by a number of co-located workshops that provided a forum for participants to discuss novel and cutting-edge topics, both within the Web Engineering community and at the crossroads with other communities. We accepted the following three workshops, whose papers are included in this volume after they underwent a rigorous peer-review process and were presented during the workshops on June 11, 2019.

- International Workshop on Data Science and Knowledge Graph (DSKG 2019)
- 5th International Workshop on Knowledge Discovery on the Web (KDWEB 2019)
- Second International Workshop on Maturity of Web Engineering Practices (MATWEP 2019)

The DSKG workshop aims to share and discuss knowledge graph techniques based on open data, with methods coming both from academia and industry. The workshop includes five papers.

The KDWEB workshop, featuring four papers, focuses on the field of knowledge discovery from digital data, with particular attention for advanced data mining, machine learning, and information retrieval methods, systems, and applications.

The MATWEP workshop provides an open discussion space, starting from the two accepted papers and combining solid theory work with practical on-the-field experience in the Web Engineering area, with the general aim of assessing the maturity of the field.

We would like to thank everyone who contributed to the ICWE 2019 workshops. First, we thank the workshop organizers for their excellent work in identifying cutting-edge and cross-disciplinary topics in the rapidly moving field of Web Engineering, and organizing inspiring workshops around them. Secondly, we thank the conference organizers and hosts.

A word of thanks goes also to the reviewers who provided thorough evaluations of the papers and contributed to the promotion of the workshops. Last, but not least, we thank all the authors who submitted to and presented papers at the workshops for having shared their work with the community and contributing to the success of these events.

June 2019

Marco Brambilla
Cinzia Cappiello
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