Preface
APSECW 2017

Since 1993, the Asia-Pacific Software Engineering Conference (APSEC) has served the software engineering community as an international forum, with a focus on the Asia-Pacific region. It is a tradition that the conference is accompanied by a number of workshops, where emerging research results are presented, and specific topics can be discussed in depth. This year, four workshops will be held on Monday, 4th of December 2017 at the Nanjing University International Conference Center, China:

- **EAST 2017**: The 4th International Workshop on Evidential Assessment of Software Technologies. EAST focuses on research methodology related to evidential assessments, such as systematic reviews, mapping studies, and meta-analyses.

- **SoftBDA 2017**: The 1st International Workshop on Software-driven Big Data Analytics. The emergence of big data analytics brings about new challenges for software systems and software engineering, which will be addressed in this workshop.

- **WETSoDA 2017**: The 1st International Workshop on Emerging Trends in Software Design and Architecture. This workshop focuses on the latest developments in software architecture and design.

- **QuASoQ 2017**: The 5th International Workshop on Quantitative Approaches to Software Quality. In this workshop, applications of quantitative methods in software engineering and development processes are discussed. QuASoQ will include a session to accommodate papers submitted to TDA 2017: The 2nd International Workshop on Technical Debt Analytics.

This volume contains the proceedings of the former three of the workshops; proceedings of QuASoQ are published separately.

We would like to thank the organizers of the workshops for arranging an interesting program. We are also grateful for the service of the many reviewers of the individual workshops, who provided valuable feedback to the authors. Finally, we express our gratitude to the keynote speakers of the workshops, as well as the APSEC organization team that helped put together this volume, specifically Xiao Liu, Zheng (Eddie) Li, and He (Jason) Zhang.

Ingo Weber
On behalf of the Workshop & Tutorial Chairs for APSEC 2017