

SOFTENG 2020

Forward

The Sixth International Conference on Advances and Trends in Software Engineering (SOFTENG 2020), held between February 23-27, 2020 in Lisbon, Portugal, continued a series of events focusing on the challenging aspects for software development and deployment, across the whole life-cycle.

Software engineering exhibits challenging dimensions in the light of new applications, devices and services. Mobility, user-centric development, smart-devices, e-services, ambient environments, e-health and wearable/implantable devices pose specific challenges for specifying software requirements and developing reliable and safe software. Specific software interfaces, agile organization and software dependability require particular approaches for software security, maintainability, and sustainability.

We welcomed academic, research and industry contributions. The conference had the following tracks:

- Challenges for dedicated software, platforms, and tools
- Software testing and validation
- Software requirements
- Maintenance and life-cycle management

We take here the opportunity to warmly thank all the members of the SOFTENG 2020 technical program committee, as well as all the reviewers. The creation of such a high quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and effort to contribute to SOFTENG 2020. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

We also thank the members of the SOFTENG 2020 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that SOFTENG 2020 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the field of software engineering. We also hope that Lisbon, Portugal provided a pleasant environment during the conference and everyone saved some time to enjoy the historic charm of the city.

SOFTENG 2020 Chairs

SOFTENG Steering Committee

Mira Kajko-Mattsson, Royal Institute of Technology, Sweden

Yoshihisa Udagawa, Tokyo Polytechnic University, Japan

Ulrike Hammerschall, University of Applied Sciences Munich, Germany

SOFTENG Industry/Research Advisory Committee

Philipp Helle, Airbus Group Innovations - Hamburg, Germany

Tomas Schweigert, SQS Software Quality Systems AG, Germany

Michael Perscheid, Innovation Center Network, SAP, Germany

Janne Järvinen, F-Secure Corporation, Finland

Paolo Maresca, VERISIGN, Switzerland

Doo-Hwan Bae, Software Process Improvement Center - KAIST, South Korea

SOFTENG 2019 Special Tracks Chair
Raquel Lacuesta, University of Zaragoza, Spain