

SOFTENG 2019

Forward

The Fifth International Conference on Advances and Trends in Software Engineering (SOFTENG 2019), held between March 24, 2019 and March 28, 2019 in Valencia, Spain, 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 2019 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 2019. 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 2019 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that SOFTENG 2019 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 Valencia, Spain provided a pleasant environment during the conference and everyone saved some time to enjoy the historic charm of the city.

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