Message from the SEIS Chairs of ICSE 2018

The scope of the Software Engineering in Society (SEIS) track at ICSE is bold and ambitious in that it takes a specific focus on the impact of the accelerating speed of digital technology advances on society. Such technology holds code at its core and the track aims to reflect on the adequacy and sustainability of current SE models and methods in keeping abreast with such rapid advances. Equally, the SEIS track is the forum to share success stories, failures and lessons learned from working in highly complex problem spaces such as climate change, public health, cyber security and democracy. SEIS puts forward software engineering tools, processes, architectures, and methods that are relevant in these settings.

2018 is the fourth year for the SEIS track. This year, the track received 31 high-quality submissions of which 7 full papers, 3 short papers and 1 case study paper were selected for presentation. In addition, authors of 4 submissions will present their work in the ICSE Poster Track. Thanks to the work that will be presented, we will be able to hear and exchange about the role of software in our society, including in the development of inclusive technologies, various sciences, as well as the public and private sectors.

The key role of software in our -increasingly digital- society will also be addressed as part of the invited keynote and a dedicated panel. Our invited keynote speaker, Roberto Di Cosmo, will be presenting the Software Heritage archive, to collect, preserve and share all the software source code!

We would like to warmly thank our programme committee members for their thorough and timely reviews of the submissions. We also thank the members of the organizing committee for their tireless support. This is thanks to all of them that the conference attendees and the readers of the proceedings are able to enjoy a strong program!!

We hope that these proceedings will serve as a valuable reference for software engineering researchers and software users.

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