Message from the Chairs of MOBILESoft 2018

In recent years, the massive increase in the use of mobile applications has greatly influenced the way people go about their daily life. The number of available mobile applications has grown enormously since the establishment of app stores and marketplaces that enable users to download and seamlessly install apps. Mobile platforms are rapidly changing and include diverse capabilities such as GPS, cameras, several wireless communications (WLAN, 4G, RFID etc), a variety of on-device memory and disk capacities, and various sensors.

Innovative mobile services and exciting mobile applications are emerging as a result of the ingenious use of these technologies. Consequently, the development of mobile applications has also been growing at a fast pace, presenting new challenges to Software Engineering. Developing versatile and robust mobile applications requires formally grounded methods, as well as advanced practices and tools.

MOBILESoft provides a working conference-style forum for the discussion and presentation of innovative contributions to the research and practice of the design, development, validation, execution, and evolution of mobile applications.

MOBILESoft 2018 comprises four main tracks: technical papers, visions, tool demos and mobile apps, and a student research competition.

We received a total of 82 submissions for all tracks. Each submission went through a thorough review process that involved at least 3 reviewers.

The technical papers track received 52 submissions. 16 were accepted as full-length research papers (31%), 4 were accepted as short papers (8%) and 3 papers were accepted as posters with a 2-page paper for the proceedings. These technical papers were complemented by 4 visions papers, 4 demonstration papers, and 6 contributions to the student research competition. The conference program also included a Keynote talk from Denys Poshyvanyk on software engineering concerns related to developing Android applications and a lively panel discussion about the merits of systems contributions in software engineering research papers.

We are grateful to everyone who submitted papers, to the reviewers of those papers, and to the conference attendees. We are most especially grateful to the members of the organizing committee who worked tirelessly to bring a very strong MOBILESoft 2018 program.

We encourage all readers of these papers to join us and engage in developing this growing discipline.

Christine Julien   **Grace Lewis and Itai Segall**
MOBILESoft 2018 General Chair   MOBILESoft 2018 Program Co-Chairs

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