

Message from the SEET Chairs of ICSE 2018

It is our pleasure to welcome you to the ICSE 2018 Track on Software Engineering Education and Training (SEET). By tradition, SEET is the place where synergy between software engineering research and education is discussed. Accordingly, we are glad to feature excellent work presenting both perspectives: (1) how the rigor and creativity we apply to software engineering research can be used to deliver high-quality software engineering education, and (2) how educational experience can inspire novel software engineering research.

We have dedicated special attention to the quality of the review process. In this direction, all submissions received three reviews and have been thoroughly discussed. We also adopted for the first time a double-blind review process aimed at further helping reviewers avoid unconscious biases and grant all authors fair consideration. Finally, we are proud to highlight that our program committee yields a very good diversity balance in terms of both gender (with 49% women) and representativeness (with a mix of experienced senior researchers, excellent young talents, and professionals involved in higher education and professional training).

This proceedings volume contains the 21 papers accepted for presentation, which were selected from 74 high-quality submissions (an acceptance rate of about 28%). Of the 21 accepted papers, 9 are full papers, 7 report on case studies and 5 are short papers. In addition, authors of 24 submissions have been invited to present their work in the ICSE Poster Track.

Our invited keynote speaker is prof. Gregor Kiczales from the University of British Columbia in Vancouver, Canada. He will share his 5-years experience in massive open online courses, or MOOCs, in his university. This includes lessons learned, effects on both facilities, student population, and educators, and how higher education programs change.

The rest of the SEET program is aimed to emphasize take-home messages, borrow great ideas, and inspire us in improving the way we teach. To this aim, it features a panel around the question “What is the role of universities in the age of online education and digitalization?”; and paper sessions discussing societal context, empirical research in software engineering education, reusable patterns for teaching, and widely applicable take-home lessons. All sessions will be as interactive as possible. Finally, we are very excited to host presentations of the student teams that have been selected as finalists for the SCORE competition.

We would like to thank our programme committee members for their thorough and timely reviews of the submissions and their constructive feedback. Their work enabled a rigorous selection of a very strong program. We would also like to thank all members of our organization committee, for their tireless effort and enthusiastic contribution allowing for a very exciting program.

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



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