

Message from the RAISE 2018 Chairs

We would like to take this opportunity to welcome you to the 6th International Workshop on Realizing Artificial Intelligence Synergies in Software Engineering (RAISE 2018), which is co-located with the 40th International Conference on Software Engineering (ICSE 2018) and will be held in Gothenburg, Sweden on 27th May 2018.

The RAISE workshops provide a platform for discussion of the synergies between Artificial Intelligence and Software Engineering, and also help to raise awareness of this work within the wider community. We hope that RAISE 2018 will encourage a growing number of researchers to join this area.

We had a total of 15 submissions, among which 2 were withdrawn. After a reviewing cycle, where each of the remaining 13 papers was assessed by 3 reviewers, we accepted eight full papers. These papers will stimulate many varied discussions and will help to continue the momentum that drives the RAISE workshops. We are deeply indebted to the Program Committee members, and authors of the submitted papers, for their effort and hard work in producing this programme. We would like to thank you all for your participation in RAISE 2018.

We are also honored to have two very exciting keynote talks, one by Prof. Lionel C. Briand (University of Luxembourg) entitled “Achieving Scalability in Software Testing with Machine Learning and Metaheuristic Search” and another by Prof. Tim Menzies (North Carolina State University) entitled “How to Achieve High Assurance for Systems That Use Machine Learning or Other AI Methods”. These will be sources of great inspiration.

We are looking forward to an interdisciplinary workshop in which the intersection of Artificial Intelligence and Software Engineering is explored and extended. We encourage you to attend RAISE 2018 to help shape the future research agenda, which will stimulate the workshops of the future.

We hope that you all find the workshop truly inspirational.



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