

## Message from the RoSE 2018 Co-Organizers

Welcome to RoSE 2018, the 1st International Workshop on Robotics Software Engineering, on May 28, 2018, in Gothenburg, Sweden. RoSE 2018 is co-located with the 40th International Conference on Software Engineering (ICSE 2018).

Software engineering is a crucial enabler for successful deployment of robotic applications. The research communities advancing software engineering in robotics, however, are spread over various specialized conferences, such as ICRA, IROS, SIMPAR – each attended mostly by robotics researchers and practitioners – or ICSE and MODELS – mostly attended by software engineering researchers and practitioners. At robotics conferences, software engineering lacks visibility and vice versa.

The objective of RoSE is to bring together researchers and practitioners from both domains at a prominent conference to foster cross-fertilization between the two domains. Being the most prominent conference in software engineering, ICSE is the best venue to attract experts from both domains. Hosting this workshop at ICSE enables software engineering researchers to learn more about the challenges of robotics practitioners that (i) require further research from the software engineering community or (ii) are already solved but solutions are unnoticed by roboticists, yet.

The RoSE 2018 program includes a keynote, 9 paper presentations, and a working session. RoSE received 12 submissions. Each submission went through a thorough reviewing process, with each paper receiving at least three reviews. After an intense discussion, we have accepted 2 research papers, 3 challenge showcase papers, and 4 vision papers. We expect the workshop to foster the integration of software engineering research with robotics research and industrial robotics. To this end, especially the robotics challenges showcase is expected to generate novel research directions based on unsolved issues in both research and practice.

We look forward to seeing you at Rose and ICSE 2018 in Gothenburg!



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