Preface

ROS is developing into the standard middleware for robotics applications. Researchers and practitioners world-wide contribute their results and publish software packages for ROS. This way, a large number of state-of-the-art robotics algorithms become available to be used freely. With the ROS-Industrial project, the ROS success story should be extended to industrial robots as well. To foster ROS-Industrial is also the mission of the ROSIN project (http://rosin-project.eu). In order to build a broad ROS-I community, one of the goals of ROSIN is to teach ROS-I to university students and professionals.

Many institutions offer education activities about the Robot Operating Systems. There are a number of Summer Schools, there are professional trainings for ROS-Industrial and even online courses are available for learning ROS. But how is ROS and, for that matter, how are some of the fundamentals of robotics being taught to the students? With the workshop "Teaching Robotics with ROS" we aim at bringing together educators involved in teaching robotics courses and/or ROS to discuss curricular topics, best practices and exchange about common problems with teaching robotics with ROS.

This volume contains the papers presented at TRROS 2018: Teaching Robotics with ROS (Workshop at ERF 2018) held on March 13-15, 2018 in Tampere, Finland. There were 7 submissions. Each submission was reviewed by at least 2, and on the average 2.1, program committee members. The committee decided to accept 7 papers.

February 25, 2019   Stefan Schiffer
Aachen   Alexander Ferrein
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