Preface

Philipp Zech and Justus Piater
Department of Computer Science, University of Innsbruck

The 6th Austrian Robotics Workshop of the Austrian Association for Measurement, Automation and Robotics took place May 17–18, 2018, in the Kaiser- Leopold Hall of the University of Innsbruck, Austria, and was attended by 29 participants.

The program was composed of 3 keynote talks by high-profile researchers from outside of Austria, 9 contributed talks, and 3 posters. The contributed talks were selected from 11 submitted articles by peer review. Each article was reviewed by two members of the program committee.

A Best Research Paper award sponsored by the IEEE RAS Austria Section was presented to Florian Pucher for the paper

Florian Pucher, Hubert Gattringer and Andreas Müller, *Analysis of Feature Tracking Methods for Vision-Based Vibration Damping of Flexible Link Robots*

A Best Student Paper award sponsored by the ABB-Group was presented to Florian Dannereder for the paper

Florian Dannereder, Paul Herwig Pachschwöll, Mohamed Aburaia, Erich Markl, Maximilian Lackner, and Corinna Engelhardt-Nowitzki, *Development of a 3D-Printed Bionic Hand with Muscle- and Force Control*

A Best Student Poster award sponsored by the GMAR-Robotics was pre- sented to Florian Dannereder for the paper

Matthias Hirschmanner, Stephanie Gross, Brigitte Krenn, Friedrich Neubarth, Martin Trapp, Michael Zillich, Markus Vincze, *Extension of the Action Verb Corpus for Supervised Learning*

The best papers and poster were selected by the conference chairs and the representatives of the GMAR-Robotics who were present, based on the reviews and the presentations:

- Mathias Brandstötter, Joanneum Research
- Wilfried Kubinger, FH Technikum Wien
- Justus Piater, Universität Innsbruck
- Markus Vincze, TU Wien
- Philipp Zech, Universität Innsbruck

The ARW 2018 Chairs,
Philipp Zech and Justus Piater