Preface

This volume contains the selected papers presented at the International Conference on Research and Education in Robotics—EUROBOT 2010—held in Rapperswil-Jona, Switzerland, May 27–30, 2010. The Conference was organized as part of the annual EUROBOT event.

A fundamental aspect of EUROBOT is promotion of science and technology among young students and researchers. Therefore, the conference was accompanied by the EUROBOT Autonomous Robot Contest (specifically its international finales): three best teams from each participating country brought their robots to the city of Rapperswil-Jona in Switzerland to meet their colleagues from all over the world—teams from 24 countries took part in 2010.

Besides the conference presentations, two invited talks were given by:

– Bruno Siciliano, Director of Prisma Lab, University of Naples, Italy
– Veronique Raoul, President of EUROBOT Association

The conference was supported by the EUROBOT Association, the town of Rapperswil-Jona, Switzerland, the HSR University of Applied Sciences Rapperswil, Switzerland, and the Charles University in Prague, Czech Republic.

We would like to thank everyone involved in the conference organization and in the whole EUROBOT event in Rapperswil-Jona. We also thank all the authors who submitted their work and the reviewers who helped select the best papers to be presented and be included in these proceedings. Last, but not least, we want to thank the developers of the EasyChair system, which was used as the main management tool for the conference papers.

May 2010

David Obdržálek
Achim Gottscheber
Organization

EUROBOT 2010 was organized by:

- EUROBOT Association
- SRH University Heidelberg, Germany
- Charles University in Prague, Czech Republic
- Hochschule für Technik Rapperswil, HSR/IMA, Rapperswil, Switzerland in cooperation with Planète Sciences Association, France.

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