

RiE 2016

7th International Conference on Robotics in Education

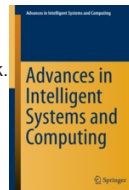
April 14-15, 2016
Vienna, Austria

Join RiE 2016, the 7th International Conference on Robotics in Education

The 7th International Conference on Robotics in Education (RIE) is aimed at the presentation and discussion of the latest results and methods in the fields of research and development in Educational Robotics. Researchers are brought together that work on new applications, the latest products, or systems and components for using robotics in schools, in universities and in informal education. The objective is to provide an insight into the state-of-the-art of Educational Robotics to participants from both academic and school education.

All accepted papers will be published by Springer as a special volume in the prestigious Advances in Intelligent Systems and Computing Series. The volumes of this series are submitted for inclusion to the leading indexing services including ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink.

The RiE 2016 will be accompanied by the European Conference on Educational Robotics (ECER 2016), a well established international scientific conference for students. At this conference high school students can present their findings in engaging talks, show their robots live, and take part in exciting robot competitions, including the official European Regional Botball Competition.



topics

- Robotics in school
- Robotics curricula
- International trends in educational robotics
- Project-based learning and robotics
- Didactic approaches in educational robotics
- Exemplary robotics projects in classes
- Web-based robotics and simulation
- Assessment and evaluation of robotics—enhanced class activities
- Integration of robotics in school science/informatics/technology curricula
- Integration of robotics in other subjects
- Evaluation criteria and tools for measuring the impact of robotics on students' learning
- Constructivism/constructionism and robotics
- Teacher training in educational robotics
- Methodologies for teaching robotics
- Robotics competitions/contests and their educational impact

- Robotics through edutainment, museums, personal robots and their educational value
- Web-based robotics, simulation, remote educational robotics
- Humanoid robots in education
- Dextrous autonomous robots and humanoids
- Cognition, natural and automated – cognitics



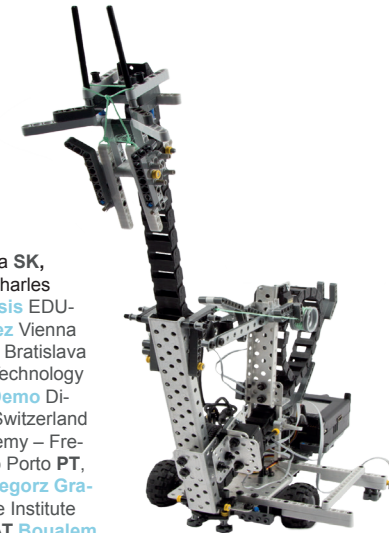
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Important Dates

Paper submission:	04.03.2016
Authors notification:	20.03.2016
End of early registration:	25.03.2016
Final paper version:	10.04.2016
End of registration:	11.04.2016

committee

Co-Chairpersons: Richard Balogh Slovak University of Technology in Bratislava SK, Wilfried Lepuschitz Practical Robotics Institute Austria AT, David Obdržálek Charles University in Prague CZ, **International Programme Committee:** Dimitris Alimisis EDMOTIVA-European Lab for Educational Technology GR, Julian Angel-Fernandez Vienna University of Technology AT, Richard Balogh Slovak University of Technology in Bratislava SK, Jenny Carter De Montfort University in Leicester GB, Dave Catlin Valiant Technology GB, Stavros Demetriadis Aristotle University of Thessaloniki GR, G. Barbara Demo Dipartimento Informatica – Università Torino IT, Jean-Daniel Dessimoz Western Switzerland University of Applied Sciences and Arts CH, Nikleia Eteokleous Robotics Academy – Frederick University Cyprus CY, Hugo Ferreira Instituto Superior de Engenharia do Porto PT, Paolo Fiorini University of Verona IT, Carina Girvan Cardiff University GB, Grzegorz Granosik Lodz University of Technology PL, Ivaylo Gueorguiev European Software Institute Center Eastern Europe BG, Martin Kandhofer Graz University of Technology AT, Boualem Kazed University of Blida DZ, Gottfried Koppensteiner Practical Robotics Institute Austria AT, Tomáš Krajník University of Lincoln UK, Miroslav Kulich Czech Technical University in Prague CZ, Chronis Kynigos University of Athens GR, Lara Lammer Vienna University of Technology AT, Wilfried Lepuschitz Practical Robotics Institute Austria AT Martin Mellado Instituto ai2 – Universitat Politècnica de València ES, Munir Merdan Practical Robotics Institute Austria AT, Michele Moro University of Padova IT, David Obdržálek Charles University in Prague CZ, Margus Pedaste University of Tartu EE, Pavel Petrovič Comenius University in Bratislava SK, Alfredo Pina Public University of Navarra ES, Pericle Salvini BioRobotics Institute – Scuola Superiore Sant'Anna IT, João Machado Santos University of Lincoln GB, Alexander Schlaefter Hamburg University of Technology DE, Fritz Schmöllebeck University of Applied Sciences Technikum Wien AT, František Šolc Brno University of Technology CZ, Gerald Steinbauer Graz University of Technology AT, Roland Stelzer INNO – Austrian Society for Innovative Computer Sciences AT, Davor Svetinovic Masdar Institute of Science and Technology AE, Markus Vincze Vienna University of Technology AT, Francis Wyffels Ghent University BE, **Local Conference Organization:** Gottfried Koppensteiner Vienna Institute of Technology / Practical Robotics Institute Austria AT, Wilfried Lepuschitz Practical Robotics Institute Austria AT, Munir Merdan Practical Robotics Institute Austria AT



venue

RiE 2016 will take place at the Vienna Institute of Technology.

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 Practical Robotics Institute Austria

 Die Schule der Technik

 SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA