



○ CALL FOR PAPERS

TRTWR & RIE 2014

TEACHING ROBOTICS & TEACHING WITH ROBOTICS (TRTWR)
ROBOTICS IN EDUCATION (RIE)

Joining forces—sharing passion— sharing experiences

Call for papers

We are pleased to announce that two distinguished events in the field of Educational Robotics, the International Workshop “Teaching Robotics & Teaching with Robotics” (TRTWR) and the International Conference “Robotics in Education” (RIE) join forces in 2014. The joint TRTWR & RIE 2014 event will be held in Padova, Italy, July 18, 2014.

Both events have a history of previous successful editions which witness the continuously growing interest in educational robotics in Europe and world-wide: the TRTWR workshop originated by the TERECoP project (www.terecop.eu) in [Venice \(2008\)](#) and grew up in Darmstadt (2010) and in Riva Del Garda (2012). RIE conference counts so far 4 editions; in Bratislava (2010), Vienna (2011), Prague (2012) and Łódź (2013).

The joint conference will offer the latest results in the fields of research and development in Educational Robotics as well as new applications, the latest products, systems and components for using robotics in schools, in universities and in informal education. TRTWR & RIE 2014 aims at providing an insight to the latest state-of-the-art educational robotics to participants from academia, schools, and industry.

The 13th International Conference on Intelligent Autonomous Systems <http://www.ias-13.org/> has been chosen as conference platform. The Series of International Conference on Intelligent Autonomous Sys-

tems (IAS) founded in 1986 is one of the major events in the field world-wide. As the IAS conference will last from July 15 to July 18, 2014, there is the possibility and time for all participants to attend this interesting conference as well. On Saturday, July 19, participants can also join the Special Fireworks Night of Venetian Feast of the Redeemer.

Video presentations are recommended when they help presenters to offer a better understanding of robots, experiments and technical or educational practices. There will be also a poster session. We expect an exciting conference programme in July 18, 2014 and cordially invite researchers and educators from the field of Educational Robotics to submit their papers.

We are looking forward to receiving your papers and to meeting you in Padova and in Venice this July!

Dimitris Alimisis, *School of Pedagogical & Technological Education, GR*

Grzegorz Granosik, *Lodz University of Technology, PL*

Michele Moro, *Information Engineering Dept, Univ. of Padova, IT*

The Venue

The joint conference TRTWR & RIE 2014 will take place at Congress Centre ‘Papa Luciani’, Padova – Italy, <http://www.paduaconferencecenter.com>, **July 18, 2014** in conjunction with the IAS conference, which will be held **July 15-18, 2014**.

Paper Submission

Submissions must be original and should not have been published previously. The official language of the TRTWR & RIE 2014 is English. All submitted papers should include: Title of the paper, abstract, keywords, author's name(s), speaker's name, affiliation, e-mail, preference for oral or poster presentation. Authors have to submit their paper in pdf format (6-8 pages of DIN A4 sheet) via the EasyChair conference system using the following link: <https://www.easychair.org/conferences/?conf=trtwrrie2014>

Authors should follow strictly the typing instructions available in the conference website <http://www.terecop.eu/TRTWR-RIE2014.htm>

Poster session

We welcome the submission of short papers (2 pages) reporting good practices and successful experiences from educational robotics projects in the form of "short paper plus poster". The short papers (2 pages) will be included in the proceedings; the posters will be presented at the workshop during a poster session.

Publications

All the submissions will be double peer-reviewed. Accepted papers and posters will be published in the proceedings. At least one author for each paper must register in the event to present a paper or a poster. The proceedings will be published in electronic format with ISBN and will be made available through the official conference website available at <http://www.terecop.eu/TRTWR-RIE2014.htm>. Authors of the best published papers will be invited to publish extended versions of their papers in a special issue of an international journal.

Topics

Papers related, but not limited, to the following topics of interest are welcome:

- Robotics in school
- Robotics curricula
- International trends in educational robotics
- Methodologies for teaching robotics
- Didactic approaches in educational robotics
- Evaluation criteria and tools for measuring the impact of robotics on students' learning
- Constructivism / Constructionism and robotics
- Teacher training in educational robotics
- Robotics competitions/contests and their educational impact

Important dates

Submission deadline **April 1, 2014**

Notification of acceptance **May 15, 2014**

Submission deadline for camera ready papers **June 15, 2014**

Organisation

The organisation of the TRTWR & RIE 2014 will be run by IT+Robotics, spin-off of the University of Padova (www.it-robotics.it). Organisation chair: Irene Pagello, irene.pagello@it-robotics.it

International Programme Committee

Co-Chairs

Dimitris Alimisis, School of Pedagogical & Technological Education, GR

Grzegorz Granosik, Lodz University of Technology, PL

Michele Moro, Information Engineering Dept, Univ. of Padova, IT

Programme Committee Members

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Emanuele Menegatti, University of Padova, IT

Emanuele Micheli, School of Robotics, IT

Stefano Monfalcon, Town Museum of Rovereto, IT

David Obdržálek, Charles University in Prague, CZ

Margus Pedaste, Univ. of Tartu, EE

Pavel Petrovic, Applied Informatics Dept., Comenius University in Bratislava, SK

Alfredo Pina, Public University of Navarra, ES

Colin Sauzé, University of Wales in Aberystwyth, UK

Alexander Schlaefer, Universität Lübeck, Deutschland, DE

Gerald Steinbauer, Graz University of Technology, AT

Roland Stelzer, INNOC - Austrian Society for Innovative Computer Sciences, AT

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Official website

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