ICR 2018

3rd International Conference on Interactive Collaborative Robotics

LEIPZIG, GERMANY

SEPTEMBER 18-22, 2018

http://specom.nw.ru/icr2018.html

CONFERENCE

The International Conference on Interactive Collaborative Robotics (ICR) was established as a satellite event of the International Conference on Speech and Computer (SPECOM) in 2016. The conference gathered together experts from different communities to discuss challenges of human and robot collaboration in industrial, social, medical, education and other areas. Models of collaborative behavior of one or multiple robots with physical interaction with people in operational environment equipped embedded sensor networks and cloud services in conditions of uncertainty and environmental variability are the main issues of the conference.

ORGANIZERS

The conference is organized by St. Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences (SPIIRAS, St. Petersburg, Russia), Munich University of Technology (TUM, Munich, Germany), Tomsk State University of Control Systems and Radioelectronics (TUSUR, Tomsk, Russia).
ICR 2018 is a satellite event of the International Conference on Speech and Computer organized by Leipzig University of Telecommunications (HfTL, Leipzig, Germany).

TOPICS

Assistive robots
Child-robot interaction
Collaborative robotics
Educational robotics
Human-robot interaction
Medical robotics
Robotic mobility systems
Robots at home
Robots control and communication
Social robotics
Safety robot behavior

IMPORTANT DATES

April 15, 2018 .... Submission of full papers
May 30, 2018 .... Notification of acceptance
June 15, 2018 .... Final papers (camera ready) and early registration
September 18-22, 2018 .... Conference dates

SUBMISSION OF PAPERS

Authors are invited to submit a full paper not exceeding 10 pages formatted in the LNCS style. Those accepted will be presented either orally or as posters. The decision on the presentation format will be based upon the recommendation of three independent reviewers.
ICR Proceedings will be published by Springer as a book in the Lecture Notes in Artificial Intelligence (LNAI) series listed in all major citation databases such as DBLP, SCOPUS, EI, INSPEC, COMPENDEX.

Photographers: Andreas Schmidt, Juliane Wolf, Michael Bader

PROGRAMME COMMITTEE

Roman Meshcheryakov, Russia (Co-Chair)
Gerhard Rigoll, Germany (Co-Chair)
Andrey Ronzhin, Russia (Co-Chair)
Christos Antonopoulos, Greece
Branislav Borovac, Serbia
Sara Chaychian, UK
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Jesus Savage, Mexico
Hooman Samani, Taiwan
Evgeny Shandarov, Russia
Lev Stankevich, Russia
Tilo Strutz, Germany
Sergey Yatsun, Russia

VENUE

Leipzig University of Telecommunications | Hochschule fuer Telekommunikation Leipzig (HfTL), Audimax Lecture Hall (Hoersaal C), Gustav-Freytag-Street 43, 04277 Leipzig, Germany.

CONTACTS

E-mail: specom@iias.spb.su
Web: http://specom.nw.ru/icr2018.html