Call for Papers

Workshop: September 8, 2020

4th International Workshop on Robotics Technology Transfer: Innovation from Academia to Industry

RTT2020

Organized by
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Workshop Program Committee

- Yolanda Bolea, Technical University of Catalonia, Spain
- Emma Delgado, University of Vigo, Spain
- Edmundo Guerra, Institute of Robotics, CSIC/UPC, Spain
- Gianluca Ippoliti, Università Politecnica delle Marche, Italy
- Herminio Martínez, Technical University of Catalonia, Spain
- Josep Maria Mirats, INLOC Robotics, Spain
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- Pedro Neto, University of Coimbra, Portugal
- Lucia Pallottino, Research Center "E. Piaggio", University of Pisa, Italy
- Michael Ruderman, University of Agder, Norway
- Alberto Sanfeliu, Institute of Robotics, CSIC/UPC, Spain
- Christian Schlegel, Technische Hochschule Ulm, Germany

❖ **FOCUS**. This workshop is based on collecting the novel research that has been transferred from Academia to Industry. Aim of this Workshop is to monitor the current state-of-the-art of robotics technology transfer through successful examples of conversion of scientific findings from research laboratories into useful products, processes and services. Relevance is given to the innovative content of the developed applications and to their technology and commercial impact, as well as to their contribution to the spread of robot systems and to successful solutions for a stable industry-academia collaboration. This collaboration can be also spread to research institutes, universities, industry organizations and stakeholders, technology transfer offices and governments as well. The presentation of research results potentially ready or almost ready for transfer to the industrial scenario is also welcome, to solicit the discussion on how such a transfer could actually achieved.

❖ **TOPICS**
- Examples of conversion of scientific findings from research laboratories into useful products, processes and services
- Contributions to the spread of robot systems into various application fields
- Successful solutions and exemplar practices for a stable industry-academia collaboration
- Innovative research applications developed through industry-academia collaboration
- Impact of technology transfer in the Industry: new products, new opportunities, new partners, new markets
- Industry-driven research in Academia: rethinking the research based on real interest in Industry, new funders, new partners, new projects, new challenges
- New technologies related to robotics transferred to Industry, e.g., Big Data, Deep Learning, Industry 4.0, Industrial Internet of Things, Blockchain, 5G deployment, Industrial ROS…
- Mature research not yet transferred to Industry awaiting for opportunities

Research-oriented papers are expected, with a solid scientific contribution but possibly including also issues related to how the technology transfer has been successfully achieved, and other relevant aspects around the Technology Transfer: intellectual property management, technology licensing, management and analysis of conflict of interests, promotion of industry-academia-government collaboration, spin-offs, university satellite ventures, joint research partnerships, high-tech research sharing facilities, promotion of patent licensing from universities and public research institutions to industries, programs on technical education, students internship and cooperative study programs.

❖ **WORKSHOP FORMAT**. The workshop will be held on the first day of the conference, Sept. 8, 2020. Papers are limited to 8 double column pages; they must comply with ETFA guidelines regarding formatting and must be submitted electronically in PDF format through the conference submission system. Accepted papers must be presented at the workshop in order to be included in the ETFA conference proceedings available at IEEEXplore.

❖ **AUTHOR'S SCHEDULE**
Workshop papers
Submission deadline .... June 5, 2020
Acceptance notification .... July 3, 2020
Deadline for final manuscripts .... July 10, 2020

Workshop Date   September 8, 2020