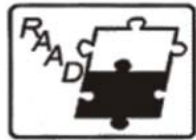


26th International Conference



RAAD Robotics
2017 Alpe
Adria
Danube
Region

Torino, June 21-23, 2017

Organizer



POLITECNICO
DI TORINO

Sponsors



Call for Papers

The 26th International Conference on Robotics in Alpe-Adria-Danube Region, RAAD 2017, will be held in Polytechnic of Turin, Italy, from June 21 to June 23, 2017. The Conference will bring together academic and industry researchers in robotics from the Alpe-Adria-Danube Region affiliated countries and their worldwide partners in a collegial and stimulating environment. According to its tradition, RAAD 2017 will cover all major areas of R&D and innovation in robotics, including new research trends.

Conference Topics

Papers are solicited on topics related to new theories, advanced design of robot mechanics and control architectures, and development of intelligent robotic applications, including but not limited to:

- Novel design and applications of robotic systems
- Dexterous grasping, handling and intelligent manipulation
- Intelligent cooperating and service robots
- Advanced robot control
- Human-robot interfaces
- Robot vision systems and visual servoing techniques
- Mobile robots
- Humanoid and walking robots
- Bio-inspired and swarm robotic systems
- Towards micro and nano-scale robots
- Aerial, underwater and spatial robots
- Robot integration in holonic manufacturing
- Personal robots for ambient assisted living
- Medical robots and bionic prostheses
- Intelligent information technologies for cognitive robots
- Education in robotics
- History of automation and robotics
- Cognitive robots and Emotional Intelligence
- Cloud robotics
- Ethical, legal and social issues of robotic

Paper submission and proceedings

Authors are kindly asked to submit original (not published or being considered for publication elsewhere) full papers with recommended length of 8 pages in Springer format. Instruction will be available in the conference webpage.

All accepted and presented papers will be published in a Scopus indexed book of the Springer Series *Mechanism and Machine Science*, with the title: *Advances in Service and Industrial Robotics: Proceedings of the 26th Conference on Robotics in Alpe-Adria-Danube Region, RAAD 2017*. The authors of selected papers will be asked to submit the extended versions of their manuscripts for publishing in the special issue of the *International Journal of Mechanics and Control - JoMaC*, www.jomac.it.

Three papers will be awarded in the following categories: research, applications and student.

Venue

Conference will be held in the Technical University Politecnico di Torino, Italy. <http://www.polito.it>

Location

Torino has rich historical and cultural roots, and is known for its numerous art galleries, museums, parks, gardens, churches, opera houses, theatres, libraries and other venues. The city has a good public transport system, but is also easy to get round on foot. Its industrial importance is evidenced by the presence of big industries such as FCA, Alenia, COMAU and SKF.

More information can be found at www.piemonte.beniculturali.it/index.php/en/ and www.turismotorino.org

Author's Schedule

Full paper submission: January 10, 2017.
Notification of acceptance: February 20, 2017.
Final paper submission: March 1, 2017.

Registration Fees

Full registration: 350 € (early) / 400 € (late)
IFToMM members: 320 € (early) / 340 € (late)
Students: 200 € (early) / 250 € (late)
Accompanying person: 150 €

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Carlo Ferraresi, Politecnico di Torino, Italy

Co-Chair:

Giuseppe Quaglia, Politecnico di Torino, Italy

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Contact: raad2017@polito.it

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