

Organizers



CALL FOR PAPERS

28th International Conference



Robotics in
Alpe
Adria
Danube
Region

**Kaiserslautern, JUNE 19-21,
2019**

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The 28th International Conference on Robotics in Alpe-Adria-Danube Region, RAAD 2019, will be held in the Fraunhofer IESE/ITWM in Kaiserslautern, from June 19 to June 21, 2019. 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 2019 will cover all major areas of R&D and innovation in robotics, including new research trends such as: bio-inspired and cognitive robots, visual servoing of robot motion, human-robot interaction, cloud robotics and personal robots for ambient assisted living.

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 6 or 8 pages in Springer format. All accepted and presented papers will be published in the Springer Series "Advances in Intelligent Systems and Computing-AISC", with the title: "Advances in Robot Design and Intelligent Control"- Proceedings of the 28th Conference on Robotics in Alpe-Adria-Danube Region. The authors of the best RAAD2019 papers will be asked to submit the extended versions of their manuscripts for publishing in the journal special issue with JOMAC, www.jomac.it. Best papers will be awarded in three categories: research, applications and student.

Venue

The Conference will be held in the Fraunhofer IESE/ITWM, Kaiserslautern, Germany
<https://www.iese.fraunhofer.de/en.html>

Location

Located in the middle of the "Natural Preserve Palantine Forest", Kaiserslautern is a center for science and technology in Rhineland-Palatinate and offers attractive possibilities for leisure, sports and shopping. Visiting the old city centre, several museums, the theatre and the "Fruchthalle"-concert hall near the ruins of the old emperor's palace can be found. A good view over the valley can be gained from the famous soccer stadium or the "Humberaturm"-viewing tower in the forest.

Author's Schedule

Full paper submission: January 18, 2019
Notification of acceptance: March 1, 2019
Final paper submission: March 29, 2019

Registration Fees

Full registration: 350 € (early) / 400€ (late)
Students: 200€ (early) / 220€ (late)
Accompanying person: 150 €