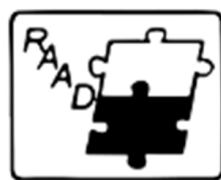


Organizer and scientific sponsors:



CALL FOR PAPERS

29th International Conference



RAAD 2020

Robotics in
Alpe
Adria
Danube
Region

Futuroscope-Poitiers, France
June 17-19, 2020

RAAD 2020: The 29th International Conference on Robotics in Alpe-Adria-Danube Region, RAAD 2020, will be held in Futuroscope-Poitiers, France, at the Pprime Institute, from June 17 to June 19, 2020. 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 2020 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.

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.

General Chair

Saïd Zeghloul, Univ. of Poitiers, France

Co-Chair

Med Amine Laribi, Univ. of Poitiers, France

International Scientific Committee (RAAD ISC)

Nikos A. Aspragathos, Univ. of Patras, Greece

Karsten Berns, Univ. of Kaiserslautern, Germany

Theodor Borangiu, Polytech. Univ. of Bucharest, Romania

Ivana Budinská, Slovak Acad. of Sciences, Bratislava, Slovakia

Marco Ceccarelli, Univ. of Rome Tor Vergata, Italy

Karol Dobrovodský, Slovak Acad. of Sciences, Bratislava, Slovakia

Carlo Ferraresi, Polytech. of Turin, Italy (ISC Chair)

Alessandro Gasparetto, Univ. of Udine, Italy

Nick Andrei Ivanescu, Polytech. Univ. of Bucharest, Romania (ISC Deputy Chair)

Roman Kamnik, Univ. of Ljubljana, Slovenia

Gernot Kronreif, ACMIT GmbH, Wiener Neustadt, Austria

Andreas Mueller, Johannes Kepler Univ., Linz, Austria (ISC Deputy Chair)

Tadej Petrič, Jožef Stefan Institute, Ljubljana, Slovenia

Ivan Petrović, Univ. of Zagreb, Croatia

Doina Pîsla, Technical Univ. of Cluj-Napoca, Romania

Aleksandar Rodić, Institute Mihailo Pupin, Belgrade, Serbia

József K. Tar, Óbuda Univ., Budapest, Hungary

Saïd Zeghloul, Univ. of Poitiers, France

Leon Žlajpah, Jožef Stefan Institute, Ljubljana, Slovenia

Advisory Board

Guido Belforte, Polytech. of Turin, Italy

János F. Bitó, Centre of Robotics and Automation, Hungary

Štefan Havlík, Slovak Academy of Sciences, Slovakia

Peter Kopacek, Vienna University of Technology, Austria

Alberto Rovetta, Polytech. of Milan, Italy

Imre J. Rudas, Óbuda Univ., Budapest, Hungary

Local Arrangement Chair

Juan Sandoval, Univ. of Poitiers, France

Marc Arsicault, Univ. of Poitiers, France

Cyril Brèque, Univ. of Poitiers, France

Important Dates

Full paper submission: **January 10, 2020**

Notification of acceptance: March 01, 2020

Final version submission: March 28, 2020

Early Registration: March 31, 2020

Contributed Papers: 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. Instructions are 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 29th Conference on Robotics in AlpeAdria-Danube Region, RAAD 2020.*

The authors of selected papers will be invited to submit the extended versions of their manuscripts for publishing in the RAAD 2020 special issue of the *International Journal of Mechanics and Control - JoMaC*, www.jomac.it. Best papers will be awarded in three categories: research, applications and student.

Special Sessions: The RAAD 2020 conference encourages the organization of Special Sessions. Each Special Session should cover a specific topic in the field of robotics.

Social Programs: will be prepared for the delegates. Programs for accompanying person and post-conference tours to the surrounding region can be arranged upon request.

Venue: The conference will be held in Poitiers which is the capital of the middle west region of France called Poitou-Charentes. The University of Poitiers is one of oldest university in France, founded in 1431. Nowadays, with 25% of the population who are students, Poitiers is considered as the 1st College Town in France.

Registration fees: The fee includes the admission to technical sessions, welcome reception, banquet, lunches, coffee breaks, conference tour, and access to conference e-proceedings

	Before March 31, 2020	Standard Rate
IFTToMM members	320 €	340 €
Full registration	350 €	400 €
Student	240 €	260 €
Accompanying person	200 €	200 €

Conference website:

<https://ifttomm-raad2020.sciencesconf.org>

