

# 34<sup>th</sup> International Conference on Robotics in Alpe-Adria-Danube Region

18 - 20 June, 2025, Belgrade, Serbia

## CALL FOR PAPERS

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Kosta Jovanović, University of Belgrade, Serbia

### Co-chairs

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Tadej Petrič, Jožef Stefan Institute, Ljubljana, Slovenia

Ivan Petrović, University of Zagreb, Croatia

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Giuseppe Quaglia, Polytechnic of Turin, Italy

Silviu Raileanu, Polytechnic University of Bucharest, Romania

Aleksandar Rodić, Institute Mihailo Pupin, Belgrade, Serbia

József K. Tar, Óbuda University, Budapest, Hungary

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### Local Arrangement Chairs

Branko Lukić, Maja Trumić, Zaviša Gordić, Nikola Knežević, Filip Bečanović, Miloš Petrović, Nikolina Dakić, Andrej Čilag

**Venue:** The conference will be held in the Palace of Science in Belgrade. Belgrade is the capital of the Republic of Serbia located in the central part of the Balkan Peninsula, in the southeast of Europe. and easily accessible from all European countries by plane or car.

**Social programs** for delegates will be organized. Programs for accompanying persons and excursions to the surrounding area after the conference can be organized upon request.

### Important Dates

**Proposal for Special Session:** November 30, 2024

**Full paper submission:** February 10, 2025

**Notification of acceptance:** February 28, 2025

**Final paper submission:** March 10, 2025

**Early Registration:** April 28, 2025

**RAAD2025:** The 34<sup>th</sup> International Conference on Robotics in Alpe-Adria-Danube Region, RAAD2025, will be held June 18-20, 2025, in Belgrade, Serbia.

The conference will bring together academic and industrial robotics researchers from the member countries of the Alpe-Adria-Danube region and their global partners in a collegial and stimulating environment.

As is tradition, RAAD2025 will cover all major areas of research, development and innovation in robotics, including new research trends such as: bioinspired and cognitive robots, visual servo control of robotic motions, 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 robot applications.

### Plenary speakers:

**Alin Albu Schäffer**, DLR Institute of Robotics and Mechatronics and Technical University of Munich, Germany

**Arash Ajoudani**, Italian Institute of Technology, Genoa, Italy

**Katja Mombaur**, Karlsruhe Institute of Technology, Germany, and University of Waterloo, Canada

### Keynote speakers:

**Strahinja Došen**, Aalborg University, Denmark

**Petar Veličković**, Google DeepMind and University of Cambridge, UK

### Honorable speakers:

**Branislav Borovac**, University of Novi Sad, Serbia

**Jadran Lenarčič**, Jožef Stefan Institute, Slovenia

**Giuseppe Quaglia**, Polytechnic of Turin, Italy

**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 can be found on the conference website.

All accepted and presented papers will be published in a Scopus indexed book in Springer Series Mechanism and Machine Science entitled: Advances in Service and Industrial Robotics: Proceedings of the 34<sup>th</sup> Conference on Robotics in Alpe-Adria-Danube Region, RAAD2025.

**Awards:** Three papers will be awarded in the following categories: Research, Applications, and Students.

### RAAD2025 conference special sessions:

- Collaborative Robotics
- Interoperable AI-Based Robotics for the Factory of the Future
- Cognitive Intelligence in Industrial Robots and Manufacturing
- Robots and Arts
- Robotics in the "Fertile Crescent" of RAAD - Past and Future (by invitation only)

<https://raad2025.etf.bg.ac.rs/>