



Call for Papers

Track 05 – Robotics and Mechatronics in Industrial Applications

- **Focus** – This track focuses on cutting edge technologies related to the development of Robotics and Mechatronics systems in the industrial context, comprising control, path planning, sensing, manipulation and mobile robotics issues. The aim of this Track is to gather researchers and practitioners to report on recent achievements.

■ Topics

- Robotics
- Mechatronics
- Motion Control
- Model Predictive Control
- Path planning and trajectory generation
- Industrial robots
- Collaborative robots
- Robot sensing
- Intelligent navigation of mobile robots
- Autonomous vehicles in the industry
- Unmanned Aerial Vehicles
- Cognitive Robotics and robot learning
- Dexterous Robotic Manipulation

- **Aim & Scope** – IEEE INDIN is a flagship conference of IEEE Industrial Electronics Society providing a forum for presentation and discussion of the state-of-art and future perspectives of industrial information technologies.

■ Solicited Papers

- Regular research papers reporting on new developments in technological sciences
- Special Session papers to stimulate in-depth discussions in special areas relevant to the conference theme
- Industry and development papers reporting on actual developments of technology, products, systems and solutions
- Tutorials

Track Chairs

- Yasutaka Fujimoto, Yokohama Nat'l Univ., Japan
Antoni Grau, Univ. Politecnica de Catalunya, Spain
Tomoyuki Shimono, Yokohama Nat'l Univ., Japan

Track Program Committee

- Francesco Biral, Univ. of Trento, Italy
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Peter Xu, Univ. of Auckland, New Zealand
Daisuke Yashiro, Mie Univ., Japan
Yuki Yokokura, Nagaoka Univ. of Tech., Japan
Sho Yokota, Hosei Univ., Japan
Chi Zhu, Maebashi Inst. of Tech., Japan

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Important Dates

Submission of papers (regular, special sessions)
March, 01, 2023 – March, 31, 2023
Notification of acceptance
April, 15, 2023 – May, 15, 2023
Submission of final manuscript
June, 05, 2023