CALL FOR PAPERS
SPECIAL SESSION ON

Advances, Applications and practical implementations of Robotic Control systems

for ICCAD'24, May 15-17, 2024, Paris-France

Session Chair:

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Session description:

Robotics and automation in its broadest sense plays a fundamental role in process industries. Research on robotics and automation has made significant progress in both theoretical investigation and practical applications. This special session is devoted to publish, present and discuss new trends in the design and applications of control systems, robots and mechatronic systems. The focus of this session will be to present several theoretical and practical problems related to robotics and automation, new discoveries and innovative ideas and improvements made in the field of robotics and automation with applications. The aim of this special session is to provide an opportunity for international researchers to share and review recent advances in the foundations, integration architectures, and applications of robotics and automation. The special session aims to solicit original, full length original articles on new findings and developments from researchers, academicians and practitioners from industries, in the area of control systems, automation and Robotics.

Topics of interest for this Special session include but are not limited to the following:

- ✓ Advanced Modeling and Robotic Control
- ✓ Hybrid Robotic Systems
- ✓ Optimal or optimization control of robotic systems
- ✓ Reinforcement Learning in Robotics
- ✓ Path and trajectory planning
- ✓ Intelligent autonomous mobile robots
- ✓ Robotic sensing systems
- ✓ Soft robotics

Submission

Papers must be submitted electronically https://www.iccad-conf.com/submission/

All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).