



**CALL FOR PAPERS
SPECIAL SESSION ON**

**Advances, Innovations, and Applications in Robotic Control Systems
for ICCAD 2026
July 7-9, 2026, Lisbon, Portugal**

Session Co-Chairs:

- Amine ABADI, University of Bourgogne, France, amine.abadi@u-bourgogne.fr
- Chakib BEN NJIMA, University of Sousse, Tunisia, chakib.bennjima@ieee.org

Session description:

This special session highlights the crucial role of robotics and automation in advancing industrial processes, connecting theoretical breakthroughs with practical implementation. Bringing together global experts, it will explore emerging trends, challenges, and innovations in robotic control and automation technologies. Participants will share insights on state-of-the-art advancements and their real-world deployment, fostering collaboration across academia and industry.

Contributions are invited on recent progress in the design, optimization, and application of control systems, robotics, and mechatronics. Researchers, scholars, and practitioners are encouraged to submit original work that introduces new ideas, presents novel findings, or proposes improvements for automation and robotic solutions.

The session invites contributions on, but not limited to, the following areas:

- Advanced Robotic Control and Modeling
- Path and Trajectory Optimization
- Hybrid Robotic Systems
- Autonomous Intelligent Mobile Robots
- Optimization and Optimal Control Strategies
- Robotic Sensing Technologies
- Reinforcement Learning for Robotics
- Innovations in Soft Robotics

SUBMISSION

Papers must be submitted electronically for peer review by: **January 31, 2026**

<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).