

## IEEE International Conference on Advanced Robotics and Mechatronics

**Call for Papers**

<http://www.ieee-arm.org/index.php/call-for-papers/>

The IEEE International Conference on Advanced Robotics and Mechatronics (ICARM) is the flagship conference of both IEEE-SMC TC on Bio-mechatronics and Bio-robotics Systems, and IEEE-RAS TC on Neuro-Robotics Systems. The ICARM 2022 will take place in the Guilin from July 9th to 11th, 2022. The conference would be organized by Guilin University of Technology (GUT), China, and Guangxi University, China. The conference will provide an international forum for researchers, educators, engineers in general areas of mechatronics, robotics, automation and sensors to disseminate their latest research results and exchange views on the future research directions of these fields.

**Topics of Interest:**

- Intelligent mechatronics, automation, control systems
- Bionic robotics, autonomous and evolutionary robotics
- Modelling of human sensory and motor systems
- Bionic robot navigation, task and motion planning
- Locomotion and manipulation in biological and robot systems
- Teleoperation, tele-robotics, haptics, and semi-autonomous systems
- Robotic systems modeling, optimization, simulation and experiments
- Control system modeling and simulation techniques and methodologies
- AI, intelligent control, neuro-control, fuzzy control and their applications
- Industrial automation, process control, manufacturing process
- Rehabilitation robot system, neuro-robotics, wearable robots

**Important Dates**

**20 January 2022: Full papers and organized session proposals**

**20 January 2022: Proposal for tutorials and workshops**

**20 April 2022: Notification of paper and session acceptance**

**20 May 2022: Submission of final papers in IEEE PDF format**

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