

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 Guangxi University, China.

Manuscripts should be submitted to **ARM 2022** online at the following link: <http://ras.papercept.net/conferences/scripts/start.pl>. Conference

committees would invite the high-quality papers to be submitted to **Robotica** online at: <https://mc.manuscriptcentral.com/robotica>, selecting

the track '**Robotica/ARM Emerging Topics**'. **Robotica does not accept the submissions to the Focused Section on Robotica/ARM Emerging Topics unless the conference committees recommend the paper. The submitted papers to Robotica special issue must include a COVER letter indicating ARM conference number and the following statement: This paper is recommended by the ICARM Conference Program Committee.**

The submitted papers will be subject to a peer review process in the standard of ARM conference and Robotica Journal. All final accepted papers from submissions to the Robotica Journal will be published in the **December Issue of Robotica in 2022**.

It is, however, possible that a submitted paper to Robotica is rejected but accepted with the ARM conference option. It will be published in the Conference Proceedings and will be included in the IEEE explore. It should be noted that all accepted papers for both choices must be presented in the 2022 IEEE International Conference on ARM (ARM 2022, www.ieee-arm.org).

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

31 March 2022: Full papers and organized session proposals

31 March 2022: Proposal for tutorials and workshops

30 April 2022: Notification of paper and session acceptance

30 May 2022: Submission of final papers in IEEE PDF format



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