

IEEE ARM 2021

IEEE International Conference on Advanced Robotics and Mechatronics

July 3rd - 5th
Chongqing, China

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Call for Papers

<http://www.ieee-arm.org/>

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 2021 will take place in the Chongqing University, Chongqing, China, from July 3rd to 5th, 2021. Chongqing University is a national key university directly under the administration of the Ministry of Education. It is one of the national "211 Project" and "985 Project" comprehensive and high-level research-oriented universities. It is also one of the national "World-class Universities (Class A)". 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 2021: Full papers and organized session proposals

20 January 2021: Proposal for tutorials and workshops

20 April 2021: Notification of paper and session acceptance

20 May 2021: Submission of final papers in IEEE PDF format

