

ICARM 2017

IEEE International Conference on Advanced Robotics and Mechatronics
August 27-31, 2017, Hefei and Tai'an, China



CALL FOR PAPERS

The 2017 IEEE International Conference on Advanced Robotics and Mechatronics (ICARM 2017) will take place in Hefei and Tai'an, China, from August 27 to August 31, 2017. Hefei locates in the central portion of Anhui province and embraces one of the five largest freshwater lakes (Chaohu Lake) in China. It has many enchanting views such as Lord Bao Temple and Sanhe Ancient Town, while Tai'an lies at the south foot of Mount Taishan which is considered as the first of the five sacred mountains of China. Both the cities will not only provide the attendees with a great venue for this event, but also a great chance to experience the beautiful natural landscape and traditional culture.

The objective of ICARM 2017 is to provide an international forum that brings together researchers, educators, engineers, and government officials involved in the 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.

The topics of interest include, but are not limited to the following:

- 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, telerobotics, 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
- Surgical robotics, medical and micro-nano robotic systems

All papers must be submitted in PDF format prepared strictly following the IEEE PDF Requirements. The standard number of pages is 6 and the maximum page limit is 8 pages with extrapayment for the two extra pages. All papers accepted by IEEE ICARM 2017 will be indexed by EI and included in IEEE Xplore.

Important Dates:

March 20, 2017	Full papers and organized session proposals
March 20, 2017	Proposals for tutorials and workshops
May 20, 2017	Notification of paper and session acceptance
June 10, 2017	Submission of final papers in IEEE PDF format



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