

Call for Papers

The 5th IEEE International CONFERENCE ON
ROBOTICS, AUTOMATION AND MECHATRONICS (RAM)
17-19 SEPTEMBER, 2011
Qingdao, China

[<http://www.cis-ram.org/>]

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OBJECTIVES: The goal of RAM 2011 is to bring together experts from the field of robotics, automation and mechatronics to discuss the state-of-the-art technology and to present new research findings and perspectives of future developments with respect to the conference themes. The RAM 2011 is held in conjunction with the IEEE International Conference on Cybernetics and Intelligent Systems (CIS 2011).

The conference welcomes paper submissions from academics, researchers, engineers, and students worldwide in but not limited to the following areas:

Robotics and Automation in Unstructured Environment, Personal and Service Robotics, Underwater Robotics, Medical Robots and Systems, Social Robotics, Robotics and Automation Applications, Sensor Design, Integration, and Fusion, Computer and Robot Vision, Human-Robot Interfaces, Haptics, Tele-operation and Tele-robotics, Network Robotics, Micro/Nano, Distributed, Cellular, and Multi-robot Systems, Biologically-Inspired Robots and Systems, Sensor Based Robotics, Intelligent Transportation Systems, Modeling, Planning and Control, Kinematics, Mechanics, and Mechanism Design, Legged Robots, Wheeled Mobile Robots, Dynamics, Motion Control, Force/Impedance Control, Architecture and Programming, Methodologies for Robotics and Automation, Discrete Event Dynamic Systems, Petri Nets, Virtual Reality, Manufacturing System Architecture, Design, and Performance Evaluation, Computer Aided Production Planning, Scheduling and Control, Total Quality Management, Maintenance and Diagnostics, etc.

About Qingdao: Qingdao, a beautiful city surrounded by sea on three sides, is located in the southeast part of Shandong Province, China. Qingdao in September has a very pleasant weather, and just walking on the sand and listening to the surf breaking on the beach gives you an enjoyable experience. The red roofs, green trees, blue sea, and azure sky paint a bright and colorful picture of Qingdao; while the Eight Passes Villas, Zhan Bridge, Wusi Square, and Mt. Laoshan form a unique and historic image of Qingdao. Qingdao, a city full of hospitality as frank and hearty as the sea, attracts many tourists with its charming seascape. Come and enjoy countless fascinating experiences, and take away memories that are uniquely Qingdao. More information can be found in <http://qingdao.cncn.com> or <http://wikitravel.org/en/Qingdao>

Invited Sessions: The conference will feature invited sessions on specialized topics of interests. The invited sessions are intended to usher in, in-depth discussions in special areas relevant to the conference theme. The session organizers will coordinate the associated review process. The conference proceedings will include all papers from the invited sessions.

Paper Submission: Papers must be written in English and should describe original work. Papers should be submitted in the form *.pdf to <http://www.cis-ram.org/2011/onl-pap.html> by **20 April 2011**. The length of the paper is limited to a maximum of 6 pages (A4 size, single spacing, Times Roman of font size 10, double columns format), including figures, tables and references. Upon acceptance, authors will be required to register and present their papers. Papers will be published in the conference proceedings only if at least one of the authors is officially registered. All the papers in the conference proceedings will be indexed in the IEEE Library, ISI Proceedings, and EI Compendex database.

Important Deadlines:

Conference/Invited Session Paper Submission	: 20 April 2011 (extended deadline)
Notification of Acceptance	: 1 June 2011
Final Camera-Ready Manuscript	: 15 July 2011
Registration	: 15 July 2011

