



THE 4th IEEE INTERNATIONAL CONFERENCE ON ROBOTICS, AUTOMATION AND MECHATRONICS(RAM) 28-30 JUNE, 2010 Singapore

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

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Objectives: The goal of RAM 2010 is to bring together experts from the field of robotics, automation and mechatronics to discuss on the state-of-the-art and to present new research findings and perspectives of future developments with respect to the conference themes. The RAM 2010 is held in conjunction with the IEEE International Conference on Cybernetics and Intelligent Systems (CIS 2010).

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, Robotics and Automation Applications, Sensor Design, Integration, and Fusion, Computer and Robot Vision, Human-Robot Interfaces, Haptics, Teleoperation, Telerobotics, and 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 Singapore: Unique is the word that best captures Singapore, a dynamic city rich in contrast and colour where you'll find a harmonious blend of culture, cuisine, arts and architecture. A bridge between the East and the West for centuries, Singapore, located in the heart of fascinating Southeast Asia, continues to embrace tradition and modernity today. Brimming with unbridled energy and bursting with exciting events, the city offers countless unique, memorable experiences waiting to be discovered. A single day's trails will take you from the past to the future, from a colourful ethnic enclave to an efficient business centre, from serene gardens to sleek skyscrapers. Singapore is truly a city like no other, a world of possibilities. With its friendly and welcoming people, state-of-the-art infrastructure and something new happening everyday, your stay will be a memorable mix-and-match of all the things you have always wanted to do. Come and enjoy countless fascinating experiences, and take away memories that are uniquely Singapore.

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/2010/onl-pap.html> by **18th January 2010**. 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	: 18 January 2010
Notification of Acceptance	: 15 March 2010
Final Camera-Ready Manuscript/Registration	: 30 April 2010