

Call for Papers

THE 5TH IEEE INTERNATIONAL CONFERENCE ON CYBERNETICS AND INTELLIGENT SYSTEMS (CIS) 17-19 September, 2011

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

International Advisory Board

Panos J. Antsaklis, *Univ. Notre Dame, USA*
Tianyou Chai, *Northeastern Univ., China*
Frank L. Lewis, *Univ. of Texas Arlington, USA*
De-Yi Li, *Tsinghua Univ., China*
Fumitoshi Matsuno, *Kyoto Univ., Japan*
George Irwin, *Queen's Univ. of Belfast, UK*
M. M. Polycarpou, *Univ. of Cyprus, Cyprus*
Siyang Zhang, *Qingdao Univ., China*
Jun Zhang, *BUAA, China*

Steering Committee

Zongxia Jiao, *BUAA, China*
Tong-Heng Lee, *NUS, Singapore*
Zhiguang Qin, *UESTC, China*
Danwei Wang, *NTU, Singapore*
Feiyue Wang, *CAS, China*
Houjun Wang, *UESTC, China*
Yi Zhang, *Sichuan Univ., China*

Organizing Committee

General Chairs

Shuzhi Sam Ge, *NUS Singapore/UESTC China*
Tiezhu Zhang, *Qingdao Univ., China*

Program Chairs

Hai Lin, *NUS, Singapore*
Cong Wang, *South China Univ. Tech, China*
Zhenkuan Pan, *Qingdao Univ., China*

Invited Sessions Chairs

Le Dong, *UESTC, China*
Guoqiang Hu, *Kansas State Univ., USA*
Kang Li, *Queen's University Belfast, UK*
Jianfeng Mao, *NTU, Singapore*
Kay Chen Tan, *NUS, Singapore*
Edgar N. Sanchez, *National Polytech Inst., Mexico*

Publicity Chairs

Wei Cheng, *UESTC, China*
Panida Jirutitijaroen, *NUS, Singapore*
Kevin L. Moore, *Colorado Sch. Mines, USA*
António Ruano, *University of Algarve, Portugal*
Wen Yu, *National Polytech Inst., Mexico*
Cishen Zhang, *Swinburne Univ. of Tech., Australia*

Finance Chair

John-John Cabibihan, *NUS, Singapore*

Local Arrangement Chair

Bing Chen, *Qingdao Univ., China*

Publication Chairs

Domenico Campolo, *NTU, Singapore*
Sujin Kim, *NUS, Singapore*

Registration Chairs

Bing Liu, *Qingdao Univ., China*
Louis Phee, *NTU, Singapore*

Award Committee Chair

Chee Meng Chew, *NUS, Singapore*

Webmaster

Xiaomeng Liu, *NUS, Singapore*

Organized by

IEEE SMC Singapore Chapter
IEEE R&A Singapore Chapter
IEEE Singapore Section
IEEE Chengdu Section

In Cooperation with

Qingdao University, China

Supported by

Centre for Intelligent Control, *NUS, Singapore*
Centre for Intelligent Machines, *NTU, Singapore*
Mechatronics Group, *SIMTech, Singapore*
Institute of ISIT, *UESTC, China*



Objectives:

The goal of the CIS 2011 is to bring together experts from the field of cybernetics and intelligent systems 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 CIS 2011 is held together with the IEEE Conference on Robotics, Automation and Mechatronics (RAM 2011). The conference welcomes paper submissions from researchers, practitioners, and students in but not limited to the following areas:

Cybernetics Automation and Control, Cooperative Systems and Control, Multi-Agent Systems, Discrete Event Systems, Supervisory Control, Hybrid Systems, Networked Dynamical Systems, Mechatronics.

Intelligence Computational Intelligence, Swarm Intelligence, Soft Computing, Fuzzy Systems, Neural Networks, Genetic Algorithm, Evolutionary Computation, Image Processing, Computer Vision.

Systems Modeling & Control, Smart Sensor Networks, Environmental Systems, Systems Biology, Cyber-physical Systems, Human/Machine Systems, Transportation Systems, Power Systems, Manufacturing Systems, Decision Support Systems, System of Systems.

About Qingdao:

Qingdao, a beautiful city surrounded by the sea on three sides, is located in the southeast part of Shandong Province, China. September in Qingdao 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 at <http://qingdao.cncn.com> or <http://wikitravel.org/en/Qingdao>. A social function tour to Qingdao Beer factory will be organized during the conference. Details will be released later.

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