

## Call for Papers

### The Seventh IEEE International Conference on Control & Automation

December 9 – 11, 2009 Christchurch, New Zealand

#### Organizers:

IEEE Control Systems Chapter, Singapore  
IEEE New Zealand South Section

#### Technical Sponsors:

IEEE Control Systems Society  
Technical Committee of Control Theory,  
Chinese Association of Automation  
University of Canterbury  
North China University of Electric Power

#### General Chairs:

Lihua Xie, Singapore  
Xiaoqi Chen, New Zealand  
Jizhen Liu, China

#### Program Chairs:

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Sing Kiong Nguang, New Zealand  
Ling Shi, Hong Kong, China  
Xin Xin, Japan  
Bugong Xu, China  
Yahaya Md Sam, Malaysia

#### Invited Session Chairs:

Gary Feng, Hong Kong, China  
Geoff Chase, New Zealand  
Zhong-Ping Jiang, USA  
Tek Tjing Lie, New Zealand  
Tielong Shen, Japan  
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#### Registration Chairs:

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#### Local Arrangement Chairs:

Larry Brackney, New Zealand  
Dominic Lee, New Zealand

#### Official Website:

<http://www.ieee-icca.org/> (or  
<http://uav.ece.nus.edu.sg/icca09/>)

The 7th IEEE International Conference on Control & Automation (ICCA'09) will be held on December 9 – 11, 2009, in Christchurch, New Zealand. The conference is jointly organized by the IEEE Control Systems Chapter, Singapore and IEEE New Zealand South Section, and technically sponsored by IEEE Control Systems Society, Technical Committee of Control Theory, Chinese Association of Automation, University of Canterbury, New Zealand and North China University of Electric Power. It is to create a forum for scientists and practicing engineers throughout the world to present the latest research findings and ideas in the areas of control and automation.

The city of Christchurch is famous for natural beauty and a wealth of things to do. Christchurch has a lively entertainment scene, strong cultural heritage. In 1996, Christchurch was acknowledged as the outstanding garden city from 620 international entries and in 1997, was judged Overall Winner of Major Cities in the Nations in Bloom International Competition to become 'Garden City of the World'!

ICCA Proceedings are included in **EI Compendex, IEEE Xplore and ISI Proceedings (ISTP)**

#### Topics of interest include but not limited to:

- |   |                                    |
|---|------------------------------------|
| • Modeling of Complex Systems           | • Optimal Control                  |
| • Linear Systems                        | • Discrete Event Systems           |
| • Robust and $H_\infty$ Control         | • Adaptive Control                 |
| • Nonlinear Systems and Control         | • Learning Systems                 |
| • Fuzzy and Neural Systems              | • Intelligent and AI Based Control |
| • Estimation and Identification         | • Real-time Systems                |
| • Fault Detection                       | • Sensor/data Fusion               |
| • Process Control & Instrumentation     | • Robotics                         |
| • Motion Control                        | • Automated Guided Vehicles        |
| • Flexible Manufacturing Systems        | • Control Education                |
| • Integrated Manufacturing              | • Control Applications             |
| • Factory Modeling and Automation       | • Process Automation               |
| • Petri-Nets and Applications           | • Man-machine Interactions         |
| • Micro and Nano Systems                | • Smart Structures                 |
| • Sensor Networks and Networked Control | • Multi-agent Systems              |

Three keynote speeches are to be conducted by well known experts in control and automation, **Professors Carlos E. de Souza** (IEEE Fellow), **Jie Huang** (IEEE Fellow), and **Hassan K. Khalil** (IEEE Fellow).

#### Submission of Papers:

Authors should submit the full version of their manuscripts online through the conference website at <http://www.ieee-icca.org/> (or <http://uav.ece.nus.edu.sg/icca09/>). General inquiries should be addressed directly to Program Chair, **Professor Cishen Zhang**, at Nanyang Technological University (E-mail: [icca2009@ntu.edu.sg](mailto:icca2009@ntu.edu.sg)).

Proposals for invited sessions in the related areas are also solicited and should be submitted through email to Invited Session Chair, **Professor Gary Feng** at the City University of Hong Kong (E-mail: [megfeng@cityu.edu.hk](mailto:megfeng@cityu.edu.hk)).

All materials must be written in English, and a paper should be submitted only if you intend to present the paper at the conference. The manuscript to be submitted to the conference should contain sufficient details including key concepts and novel features of the work. It should include the title, authors, mailing addresses, affiliations, telephone and fax numbers and email addresses.

#### Important Dates:

Deadline for Manuscript Submissions:	April 1, 2009
Notification of Acceptance:	July 1, 2009
Submission of Final Manuscripts:	September 1, 2009
Conference:	December 9 – 11, 2009