

## ACI Newsletter, Number 38, October 2009

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### Welcome New Committee Chair: Brandon Lee

The committee would like to congratulate and welcome Mr Brandon Lee as the new NCACI chair. He was appointed to the role at the committee's June 2009 meeting in Brisbane.

The committee would also like to thank the immediate past chair Prof. Iven Mareels for his service and contributions as chair of the committee from 2006 to June 2009.

### New Member Profile: Andrew Gouge

Andrew Gouge is a young engineer and new member of the ACI Committee. As a background, Andrew completed his undergraduate degree in Mechatronic Engineering at the University of New South Wales, focusing in the areas of unmanned aerial vehicle control and industrial robotics. He is currently working in Sydney as an engineering consultant with Parson Brinkerhoff (PB) in their Energy, Mining and Infrastructure team.

Previously Andrew was the EA UNSW Campus Coordinator, and committee member of Young Engineers Australia Sydney. He is now a member of the Sydney Mechanical Chapter Committee, and has been welcomed as a new member of the ACI Committee.



He is passionate about the application and opportunities of automation, control and instrumentation in the delivery of power, water and infrastructure solutions for Australia

## 2008 National ACI Project Excellence Awards

The 2008 National Project Excellence Award in Automation Control and Instrumentation was awarded to Alcoa World Alumina and Honeywell for the QUASAR project. The award was presented at a ceremony in June. The \$400 million dollar QUASAR (Quality Automation Solutions in Alumina Refinery) project led to increased alumina production, safer plant operation and reduced the consumption of energy and raw materials.



Figure 1 Venkatesh Iyer (Honeywell), Elissaveta Gerginov (Honeywell), Ali Noorall (Alcoa, Ric Janosz (Alcoa) and Brandon Lee (NCACI representative) at the award ceremony

*Brandon Lee*  
*Project Excellence Awards Co-ordinator*

### ACI Undergraduate Thesis Prize 2009 – Call for Entries

The National Committee on Automatic Control and Instrumentation awards the Undergraduate Thesis Prize at the M. A. Sargent Medal dinner in June of each year.

This prize recognises excellence in undergraduate project work in ACI engineering. The award aims to:

- encourage undergraduate interest in ACI Engineering;
- enhance student knowledge and application of ACI Engineering disciplines; and
- encourage academic participation in ACI Engineering as part of undergraduate education.

#### **Eligibility:**

Any project work undertaken as part of the award of a professional undergraduate qualification relevant to Automation, Control and/or Instrumentation and reported in the form of an academic thesis shall be eligible.

Both individual student entries and student team entries are eligible for the award.

**Prize:**

The winner receives \$2000 and a framed certificate.

**Entries:**

Entries for the Automation, Control and Instrumentation 2009 Thesis Prize will close 15th December 2009.

For further information please visit the ACI website page:

[http://www.engineersaustralia.org.au/committees-panels/automation-control-instrumentation/awards/awards\\_home.cfm](http://www.engineersaustralia.org.au/committees-panels/automation-control-instrumentation/awards/awards_home.cfm)

Or contact

Pearl Ansley, Committee Administrator

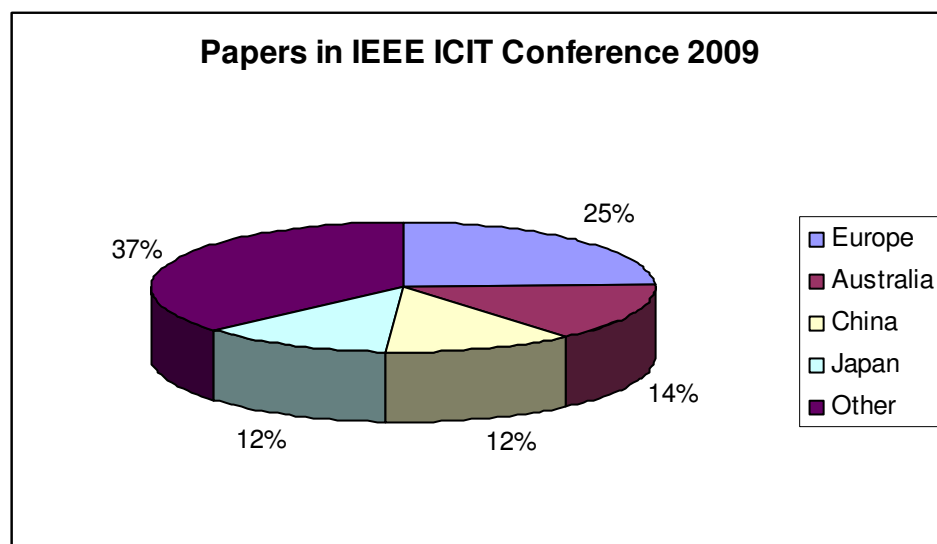
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**2009 International Conference on Industrial Technology**

The 2009 IEEE International Conference on Industrial Technology was held at Monash University from the 10<sup>th</sup> – 13<sup>th</sup> February. The conference had five regular tracks: Mechatronics & Robotics, Factory Automation & Industrial Informatics, Computer & Control Systems, Power Generation & Distribution, Power Electronics & Energy Conversion. An additional five special technical sessions were also included.

During the three days of the conference 325 papers were presented in 57 Oral and 5 Poster sessions.



**Figure 2 Paper location distribution ICIT Conference 2009**

It was a truly international conference, creating a number of records. There were 325 papers from over 43 countries covering all continents. More than 86% of papers were from outside Australia.

The conference was originally to be hosted at the Monash University Gippsland campus. However due to the severe bushfires in Churchill the conference was relocated to the Monash University Clayton campus.

### **Call for Input for 25<sup>th</sup> Year Anniversary**

The year 2011 will mark the 25<sup>th</sup> Anniversary of the National ACI Committee. Discussions are currently underway regarding how best to commemorate the occasion. Any ideas would be most welcome. Copies of any relevant photos or articles would also be most appreciated and can be forwarded to the committee administrator.

### **Editor's Post-script**

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