

# Call for Papers

## 12th Conference on Neuro-Computing and Evolving Intelligence (NCEI'12)

Auckland, New Zealand, 8th June 2012

Venue: AUT University

### Important Dates:

Paper Submission:  
28th February 2012

Notification of  
Acceptance:  
31st March 2012

Registration:  
1st May 2012

Conference Date:  
8th June 2012

Camera-Ready  
Submission of paper for  
a post-conference  
publication:  
30th July 2012

General Chair  
Prof. Nikola Kasabov

Organising Chair  
Joyce D'Mello

Programme Co-Chairs  
Dr. Ammar Mohemmad  
Dr. Raphael Hu  
Dr. Stefan Schliebs

Technical Support  
Kshitij Dhoble

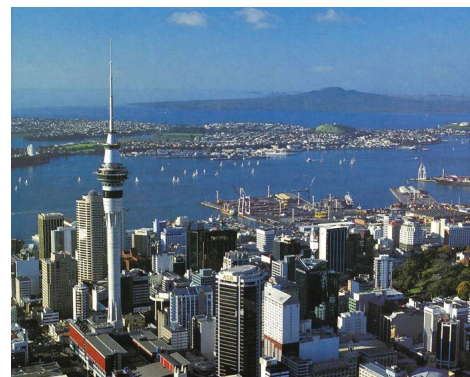
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[www.kedri.info](http://www.kedri.info)

NCEI'12 conference/workshop is a continuation of a previous conference series in NZ - ANNES, established in 1993. This conference aims at promoting research and development activities focused on advanced intelligent computing techniques by providing a vibrant and effective forum across a variety of disciplines. The scope of the conference includes a range of techniques such as Artificial Intelligence, Neural Networks, Evolutionary Computing, Brain Computer Interfaces, Informatics Theory and Applications, Computational Neuroscience, Neuromorphic computation, Bioinformatics, Pattern Recognition, Data Mining and Health Informatics. The workshop will publish an edited volume through the Springer Series of Bio- and Neuroinformatics. The NCEI 2012 workshop is organized as a pre-conference workshop held just before the WCCI'12 in Brisbane, Australia (June 10-15, 2012). This is to make the most of the expertise of many colleagues who want to visit one of New Zealand's leading research Institutes - the Knowledge Engineering and Discovery Research Institute (KEDRI) of the Auckland University of Technology, AUT ([www.kedri.info](http://www.kedri.info)) before the WCCI'12 and also to celebrate the 10 years of the establishment of KEDRI.

Suggested topics for the conference include, but are not limited to:

- Methods of computational intelligence
- Spiking Neural Networks
- Personalized Modeling
- Brain-Computer Interfaces
- Neuromorphic computation
- Computational Neurogenetic Modeling
- Bioinformatics
- Health informatics
- Data mining
- Neuroinformatics
- Pattern recognition



### Keynote Speakers:

Prof. Giacomo Indiveri, Institute for Neuroinformatics, ETH and University of Zurich, Switzerland;  
Dr. Mike Paulin, University of Otago, New Zealand;

Submission and registration: Papers with a maximum of 8 pages each should be submitted to one of the program chairs following the Springer LNCS format. More specific author instructions will be provided at the conference website at "[www.kedri.info](http://www.kedri.info)". Proceedings will be published as a volume of the Springer series of Bio- and Neuro-Informatics after the conference.

Registration fee: NZD 150.00

Sponsors: KEDRI; AUT University; Faculty of DCT; EU Marie Curie Grant EvoSpike, INI/ETH/UNZH.



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