



The 8th Asia-Pacific
Complex Systems
Conference

Surfers Paradise
Marriott Resort
Queensland
Australia
2-5 July 2007

Online registration now open

Call for abstracts extended to 17 April 2007

e-News – Edition 2 – April 2007

**Complex'07: The 8th
Asia-Pacific Complex
Systems Conference**
2-5 July 2007

Surfers Paradise Marriott
Resort, Queensland,
Australia

www.complex07.org

Conference Managers
HI Event Management
7A/53 Tribune Street,
South Brisbane Q 4101

T: +61 7 3210 1646

F: +61 7 3210 1606

Welcome

Welcome to the second edition of the official newsletter for Complex'07, the 8th Asia-Pacific Complex Systems Conference.

We are pleased to announce that online registration has now commenced on the Conference website at www.complex07.org.

The Conference features an exciting range of keynote speakers, along with presenters selected from the call for abstracts. Keynote speakers include:

- **Professor Michael F Barnsley** Mathematical Sciences Institute, The Australian National University, Canberra, Australia
- **Dr Anthony J Bell** Redwood Center for Theoretical Neuroscience, University of California, Berkeley, USA
- **Professor Dietrich Dörner** Institute of Theoretical Psychology, Otto-Friedrich University, Bamberg, Germany
- **Professor Celso Grebogi** Centre for Applied Dynamics Research, and Sixth Century Chair in Nonlinear and Complex Systems, King's College, University of Aberdeen, UK
- **Professor Mark S Handcock** Center for Statistics and the Social Sciences, University of Washington, USA
- **Associate Professor Hawoong Jeong** Department of Physics, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
- **Professor Sang Yup Lee** Department of Chemical & Biomolecular Engineering and Department of Biosystems, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
- **Professor Martina Morris** Department of Sociology and Statistics, University of Washington, USA
- **Professor Akira Namatame** Department of Computer Science, National Defense Academy, Yokosuka, Japan
- **Dr Mike Raupach** CSIRO Marine and Atmospheric Research, Canberra, Australia
- **Professor Michael Ward** Central Clinical Division, School of Medicine, The University of Queensland, and

Queensland Health Clinical Practice Improvement Centre,
Brisbane, Australia

The Conference will be preceded by one day of Pre-Conference Workshops and Tutorials. Details of the Pre-Conference Workshops are located on the website at www.complex07.org. Book early as places are limited.

Professor Peter Lindsay
Conference Chair

The call for abstracts sought submissions for the following specialised tracks:

- Anomalous Diffusion
- Business and Economics
- Complex Systems Challenges in Health Care
- Complex Systems Engineering
- Complex Systems in the Earth Sciences
- Complex Systems Science for Australian Business
- Complexity in Energy, Water and Urban Development
- Computational Techniques for Biology and Chemistry
- Defence and Security
- Social Networks and Epidemiology
- Social Science and Management
- Turbulence

For further information on the program, please visit www.complex07.org

Pre-Conference Workshops/Tutorials

Book to attend a Pre-Conference Workshop or Tutorial via the Conference registration form. The Pre-Conference Workshops and Tutorials are available at an additional cost of \$A150 standard or \$A60 for fulltime students per session. Participation in these Workshops/Tutorials is for registered delegates only.

Pre-Conference Workshops/Tutorials

Workshop 1	Understanding Complex Networks: Annual Meeting of the Network Theory Working Group
Workshop 2	Introduction to Agent-based Modelling using NetLogo
Workshop 3	Which Ontology and Heuristics for Agent-based Modelling?
Workshop 4	Engineering Complex Software-Intensive Systems - Composition Trees and Behavior Trees
Tutorial 1	Non-linear Dynamics: From Chaos to Fractals to Fractional Calculu
Tutorial 2	Introduction to Modelling and Simulation
Tutorial 3	Systems Biology
Tutorial 4	How might Biological Learning relate to Machine Learning?

Accommodation

Book your accommodation at the Surfers Paradise Marriott Resort through the Conference Managers when you book your registration, to receive the significantly discounted rate of \$195 per room per night. This 5-star Resort combines Queensland's casual charm with superior international style to create a unique, unrivalled Gold Coast holiday experience. With its relaxed resort atmosphere and fabulous salt water swimming lagoon, the resort offers an exciting venue for Conference delegates and their families. The resort is just a short stroll from the famous beaches, shopping and nightlife of Surfers Paradise.

If required, accommodation bookings can be made at a later time by emailing sarah@hievents.com.au; however it is best to get in early to make your booking, as accommodation is subject to availability.

Registration discount for COSNet members

Remember to become a member of COSNet, our Major Sponsor, before you register for Complex'07 to receive a substantial discount on your Conference registration. COSNet membership is free and easy to join.

Visit <http://complexsystems.net.au/content/joining> and follow the simple instructions.

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