**2016 Applied Informatics and Technology Innovation Conference (AITIC 2016)**

**22-24 November 2016, Newcastle, Australia**

<http://air.newcastle.edu.au/AIR_files/Conference2016.html>

**FINAL Call for Papers**

Informatics concerns the use of information, and addresses research questions about how information is generated, processed and used, irrespective of the domain or application area. Applied Informatics is the study of Information & Communication Technology (ICT) and its uses, with emphasis on its application to real-world problems. The topics for the conference focus on applications for assisting industry and organisations to understand, and ultimately leverage, the data that they capture and store.

AITIC 2016 features international research in informatics and related areas, with a focus on practical applications and innovations that can be exploited for the benefit of business solutions. The Applied Informatics Research (AIR) Group is organising this conference to provide an opportunity to meet with other researchers in the areas, and to share recent results in research in this field. The conference will be interdisciplinary in nature, and we encourage submissions from both academics and practitioners.

**Topics**

Recommended topics include, but are not limited to, the following:

* Affective & Wearable Computing
* Artificial Intelligence
* Bioinformatics
* Computer & Cognitive Models
* Data Analytics
* Decision Support
* Digital Architecture & Built Environment
* e-Commerce
* Engineering Optimisation
* Games & Gamification
* Human-Computer Interaction
* Health Informatics
* ICT Education
* ICT Infrastructure
* ICT Policy & Governance
* ICT Security & Privacy
* Image Processing
* Information Systems
* Knowledge-based Systems
* Multimedia
* Simulation & Modelling
* Social Media and Network Analysis

**Submissions**

Prospective authors please see “Author Instructions” on the conference website for submission details. All accepted papers will be published in an edited volume by Springer and included in Scopus as well as other major databases. Extended versions of outstanding papers submitted to the conference will be given an opportunity to be included in special issues published by journals such as *Industrial Management & Data Systems* and *Memetic Computing*.

**Important Dates**

~~Special session and workshop proposals due: June 1, 2016~~

~~Tutorial proposals due: June 15, 2016~~

Full paper submissions due: ~~July 15, 2016~~ **the submission link will remain open for another week**

Notification of paper acceptance: August 15, 2016

Final papers due: September 5, 2016

**Keynote Speakers**

Zbigniew Michalewicz, Chief Scientist of Complexica, Australia

Yew-Soon Ong, Chair of Computer Science & Engineering, Nanyang Technological University, Singapore

**Invited Speakers**

Haris Aziz, Data61/NICTA, AustraliaHisao Ishibuchi, Osaka Prefecture University, Japan

Eugene Ch’ng, The University of Nottingham (Ningbo Campus), China

Rui Zhang, Xiamen University of Technology, China

Pablo Moscato, The University of Newcastle, Australia

**Conference Chairs**

General Chair: Raymond Chiong

Program co-Chairs: David Cornforth and Yukun Bao

Special Session and Workshop Chair: Ilung Pranata

Tutorial Chair: Alex Mendes

Registration and Finance Chair: Kyle Holmes

Local Arrangement Chairs: Rukshan Athauda and Brian Regan

Publicity Chairs: Patrick Siarry (International) and Nasimul Noman (Local)

**Program Committee Members**

Marc Adam, Australia

Erik Cambria, Singapore

Eugene Ch’ng, China/UK

Stephan Chalup, Australia

Hing Kai Chan, China/UK

William Chivers, Australia

Alain Chong, China/UK

Casey Chow, Australia

Brian Corbitt, Australia

Wenbo Du, China

Zhongyi Hu, China

Hisao Ishibuchi, Japan

Jelena Jovanovic, Serbia

Sittimont Kanjanabootra, Australia

Suhuai Luo, Australia

Antonio Nebro, Spain

Mira Park, Australia

Ismael Rodríguez, Spain

Fernando Rubio, Spain

Ruhul Sarker, Australia

Manuel Chica Serrano, Spain

Simon, Australia

Peter Summons, Australia

Chuan-Kang Ting, Taiwan

Bing Wang, China

Thomas Weise, China

Dennis Wong, Malaysia

Rui Zhang, China

**Organised by**

Applied Informatics Research group

**Sponsored by**

