

2016 Applied Informatics and Technology Innovation Conference (AITIC 2016)

22-24 November 2016, Newcastle, Australia

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

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 1, 2016~~ **extended to July 15, 2016**

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, Australia

Hisao 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

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Stephan Chalup, Australia

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