The 48th International Conference on Computers & Industrial Engineering (CIE48)
Auckland, New Zealand
2-5 December, 2018

CIE 48

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Call for Papers

Next generation industrial and manufacturing technologies

CIE48 will be held in Auckland, New Zealand in December 2018, hosted by The University of Auckland. This is the latest in the series sponsored by Computers & Industrial Engineering: An International Journal, published by Elsevier. Its Impact Factor was 2.623 in 2016, and its CiteScore was 3.41 for the same year, placing it at the 96th percentile among general engineering journals Please see https://www.journals.elsevier.com/computers-and-industrial-engineering and https://www.computers-and-ie.org/ .

CIE48 offers Two options for paper submissions and publications at the same registration rate:
1. **Full papers** are reviewed for presentation at the conference as well as for publication in the conference proceedings.
2. **Abstracts** (only) will be reviewed for presentation at the conference WITHOUT publishing in the conference proceedings.

Extended versions of some selected papers will be published in a special issue of Computers and Industrial Engineering following the rigorous review process of the journal. Publication in other SCI-indexed international journals is also arranged .

Key dates

Submission of special session proposals: **15 June 2018**
Paper/abstract: **30 September 2018**
Notification: **30 October 2018**
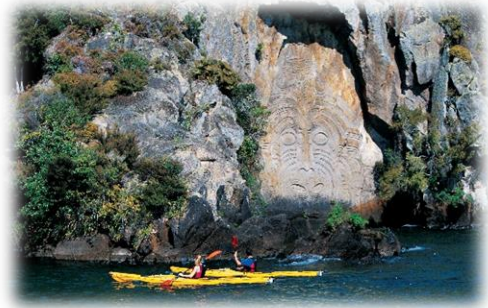Early-bird Registration: **15 November 2018**
Camera Ready Manuscript: **15 November 2018**
Conference Date: **2-5 December 2018**

THE UNIVERSITY OF AUCKLAND
Te Whare Wānanga o Tāmaki Makaurau
NEW ZEALAND

ie Computers & Industrial Engineering
An International Journal

i4.0 Laboratory for Industry 4.0
Smart Manufacturing Systems

Typical technical areas include, but not limited to:

- Applied Operations Research
- Industry 4.0 implementation and case studies
- Challenges, visions and concepts for Industry 4.0
- Internet of Things and Industrial Internet
- Cyber-physical Systems
- Big Data Analytics
- Data Mining, Knowledge Discovery and Computational Intelligence
- Multi-Criteria Decision Making and Decision Analysis
- System Simulation and Forecasting
- Cloud manufacturing
- Supply Chain Management & Logistics
- E-Business and E-Commerce
- Quality, Reliability and Maintenance
- Human Factors, Industrial Ergonomics and Safety
- Production/Manufacturing Systems & Processes
- Agile Manufacturing; ERPI/APS
- Artificial Intelligence & Expert Systems
- Bio-manufacturing Systems
- Healthcare Systems Applications
- Design for Manufacturing, Robust Design, Reverse Engineering
- Manufacturing Technologies, Group Technology & Cellular Manufacturing
- Environmentally Conscious Manufacturing
- Industrial Engineering Education and E-Learning
- Service Systems including Energy, Transportation, Communication
- Utilities and Environmental Control

Conference Chairs

Professor Mohamed I. Dessouky, Editor-in Chief, Computers & Industrial Engineering, University of Southern California, USA
Professor Xun Xu, Faculty of Engineering, University of Auckland, New Zealand

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Professor Xun Xu
Email: xun.xu@auckland.ac.nz
Tel: 0064 9 9234527

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