



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**

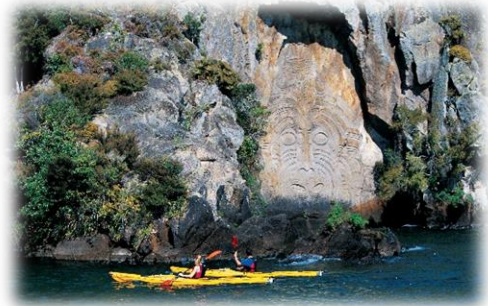
Camera Ready Manuscript: **15 November 2018**

Conference Date: **2-5 December 2018**



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

International Program Committee

Ana Póvoa, University of Lisboa, PT

Chenfu Chien, National Tsing Hua University, TW

Cheng-Hung Wu, Taiwan University, TW

Christoph Glock, Technische Universität Darmstadt, DE

Andreas Leibbrandt, Monash University, AU

Eugene Levner, Ashkelon Academic College, IS

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Gyu M LEE, Pusan National University, KR

Imed Kacem, Université de Lorraine, FR

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Mauro Birattari, IRIDIA, Université Libre de Bruxelles, FR

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QiuHong Zhao, Beihang University, Beijing, CN

Renzhong Tang, Zhejiang University, CN

Ruhul Sarker, University of New South Wales, AU

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Sebastian Lozano, University of Seville, ES

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Wieslaw Kubiak, Memorial University of Newfoundland, CA

Yasser Dessouky, San Jose State University, USA

Young Jae JANG, Korea Advanced Institute of Science and Technology, KR

Yucheng Dong, Sichuan University, CN

Zhen He, Tianjin University, CN

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Weidong Li, Coventry University, UK

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Laboratory for Industry 4.0

Smart Manufacturing Systems (LISMS)

