International Conference on Intelligent Manufacturing and Internet of Things

& Intelligent Computing for Sustainable Energy and Environment

Chongqing, China, September 21-23, 2018

ORGANIZERS: Chongqing University, Queen's University Belfast
CO-ORGANIZERS: Southeast University, Beijing Institute of Technology, Dalian University of Technology, Harbin Institute of Technology, Northwestern Polytechnical University, South China University of Technology, Tianjin University, Tongji University, Shanghai University, The University of Birmingham, Cardiff University, University College London, The University of Nottingham, The University of Warwick, The University of Leeds
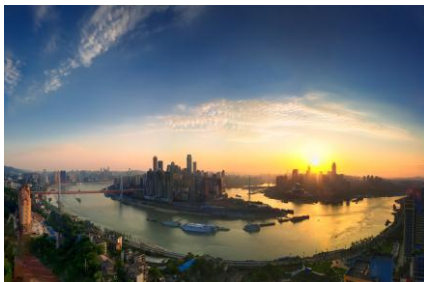**CO-SPONSORS**: National Natural Science Foundation of China
PARTNER: British Council
HONARARY CHAIRS: Pan, Fusheng (CQU, China), Wang, Shilong (CQU, China), Price, Mark (QUB, UK)
GENERAL CHAIRS: Lim, Ming K (CQU, China), Li, Kang (QUB, UK)
INTERNATIONAL PROGRAMME CHAIR: Luo, Yuanxin (CQU, China), Jin, Yan (QUB, UK)

The 2018 International Conference on Intelligent Manufacturing and Internet of Things (IMIOT'18) and the International Conference on Intelligent Computing for Sustainable Energy and Environment (ICSEE'18) aim to bring together researchers and practitioners in the field of intelligent manufacturing and internet of things as well as intelligent computing theory and methodology with applications to sustainable energy and environment from across the world. These events build upon the success of three previous ICSEE conferences held in Wuxi 2010, Shanghai 2012 and Nanjing 2017 and are based on the government supported UK-China Consortium on Engineering Education and Research to address the global challenges on intelligent manufacturing, internet of things, sustainable energy and environment. Technical exchanges within the research community will take in the form of keynote speeches, panel discussions, special sessions, as well as oral and poster presentations. In addition, participants will be treated to a series of social functions, receptions and networking sessions, which will serve to establish new connections, foster friendships, and forge collaborations.

PROGRAM TOPICS

A.   INTELLIGENT MANUFACTURING AND IOT
A1   Robotics
A2   Smart Factories
A3   Intelligent Control and Automation
A4   Mechanical Transmission System
A5   Precision Measurement and Instrumentation
A6   Manufacturing Process
A7   Manufacturing Material
A8   Industrial Product Design
A9   Digital Manufacturing
A10   Manufacturing Optimization
A11   Green Manufacturing
A12   Additive and Hybrid Manufacturing
A13   Fault Diagnosis and Maintenance
A14   Product Life Cycle Design and Management
A15   Collaborative Innovation
A16   Logistics, Production and Operation Management
A17   Web Technologies for the IoT
A18   IoT Systems
A19   Real World Application of IoT Technology

B. INTELLIGENT COMPUTING FOR SUSTAINABLE ENERGY AND ENVIRONMENT
B1   Advanced neural network theory and algorithms
B2   Advanced evolutionary computing theory and algorithms
B3   Advanced theory and methodology in fuzzy systems and soft computing
B4   Autonomy-oriented computing and intelligent agents
B5   Advancement in sensor and sensor network development
B6   Big data analytics, deep neural networks, and human and data interaction
B7   Hybrid intelligent systems and control
B8   Intelligent modelling, control and supervision for energy saving and pollution reduction in industry
B9   Computational intelligence in utilization of clean and renewable energy resources
B10   Intelligent methods in developing vehicles, engines and equipment
B11   Intelligent methods in power and energy infrastructure development
B12   Intelligent modeling, simulation and control of power and energy networks
B13   Intelligent road management and electricity marketing strategies
B14   Intelligent construction and energy saving techniques for sustainable and green built environment
B15   Intelligent modeling and simulation of climate change
B16   Intelligent water treatment and waste management technologies
B17   Innovative education for sustainable energy and environment

PAPER SUBMISSION

Prospective authors are invited to submit full-length papers by the submission deadline through the Easychair submission system, which can be found in **https://easychair.org/conferences/?conf=imiot-icsee2018**. Further, proposals for special sessions within the technical scopes of the conference are mostly welcomed. Papers submitted for special sessions will be peer-reviewed with the same criteria for the normal contributed papers. A special session proposal should include the session title, a brief description, names, contact details and bio-sketch of the organizers. Special issue journal with IMechE Proceedings Part C: Journal of Mechanical Engineering Science, will be organized for the selected papers, subject to further review for the expanded papers.

IMPORTANT DATES
Paper submission---------------------------Apr 01, 2018
Acceptance----------------------------------May 31, 2018
Final paper submission------------------- June 10, 2018

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Website: http://www.icft.net/en/index.html   **E-mail: secretary-IMIOT-ICSEE-2018@hotmail.com**