



15th Global Congress on Manufacturing and Management

24-26 & 27 Nov. 2020, Liverpool, England

in association with



Global Manufacturing Challenges

- New Paradigms in Technology Management
- Sustainable Manufacturing and sustainable Infrastructure
- OM Applications in Health Care Industry
- Training/Education on Advanced Manufacturing Systems
- Women in Engineering
- Educational Aspects of Manufacturing and Management
- Electronics in Manufacturing and reliability

Intelligent Systems in Production Engineering & Maintenance

- Intelligent Methods in Management of Production
- Intelligence in Modelling and Design
- Intelligence in Production Planning and Scheduling
- Intelligence in Control and Supervision
- Applications of Intelligent Methods and Systems in Production
- Hybrid Intelligent Systems
- Intelligence Methods in Robotics

Management of Production Processes

- Lean Manufacturing
- Agile Manufacturing
- Flexible Manufacturing
- High-Value manufacturing
- Total Quality Management
- Supply Chain Management
- Modelling and Simulation of Manufacturing Systems
- Enterprise Resource Planning and Inventory Management
- Product Lifecycle Management maintenance
- Measurement, System monitoring and testing
- Operations Management
- Manufacturing and Knowledge Management
- Asset/ Infrastructural Management

Industry 4.0

- Smart Manufacturing/ Future Factory
- Virtual Manufacturing
- Digital Manufacturing in Global Era
- Industry 4 & IOT
- New Product Development & cost engineering
- Cloud Manufacturing & Cyber Security
- Digital Transformation Technologies
- E-commerce in Manufacturing
- 3D Additive, Laser & Hybrid Manufacturing

Advances in Materials & Manufacturing

- Composite & Structure Materials
- Advanced Machining Processes
- Precision & Micro manufacturing
- Mechatronics and Automation

Important dates

Extended Call for Abstracts :
Last date for Abstract Submission: 15/03/2020
Notice of Abstract Acceptance: 30/03/2020
Last Date for Manuscript Submission: 30/04/2020
Notice of Manuscript Acceptance: 30/06/2020
Final Submission of Revised Papers: 31/07/2020

Submit Abstract here:

www.easychair.org/conferences/?conf=gcomm2020



Detailed information can be found @:

www.ljmu.ac.uk/conferences/gcomm2020
www.ispem.pwr.edu.pl

Contact:

GCOMM2020@ljmu.ac.uk
ispem@pwr.edu.pl

Accepted paper will be published in indexed journals (EI Compendex, Scopus, Web of Science, SCI-indexed), **Procedia Manufacturing, Procedia of Engineering special issues in Proceeding of the IMechE part B and part C & Springer.**

The **GCMM** is a major biennial international conference for widespread dissemination of knowledge in manufacturing, management, engineering and technology. Recent events that were held in Australia (2018), China (2016), India (2014), New Zealand (2012) and Thailand (2010), were highly successful and attracted delegates from over 20 countries. GCMM 2020 is very special as for the first time this global congress will be held in Europe, in the UK, to share new attainments in research and industrial practice between academic scholars and industry practitioners. GCMM has always attracted high quality research papers and continues to serve as a central hub where world's knowledge on manufacturing research is fused with industry strategy in a globalised market.

In association with:



International Conference on Intelligent Systems in Production Engineering and Maintenance 2020

focuses on application of intelligent systems, methods and tools in production, maintenance, logistic, quality management, information systems, product development.



Liverpool John Moores University is a vibrant community of over 23,000 students from over 100 countries, and it is integral to the life of the city, with a global approach in forging international partnerships to facilitate world-leading research and collaboration. It is one of the largest, most dynamic and forward-thinking universities in the UK. LJMU is one of the highest climbers nationally in the 2014 Research Excellence Framework, with 60% of research classified as world leading or internationally excellent. LJMU has the world's largest robotic telescope and a star of art maritime 360 simulator. LJMU was awarded "University of the Year" at the Educate North Awards 2017.

Registration

Full proceeding & conference dinner: **£450**

Early registration: **£400**

Students : **£390** with valid student photo ID card.

Authors can submit 2nd paper at extra fee of £100

But must register in full and present the work.

All Exhibitors are welcomed to this Celebration @ £950



Conference Committee

Patrons:

India: Dr G Viswanathan, Chancellor VIT

Chairs/Co-Chairs:

Australia: Prof. Prasad K.D.V. Yarlagadda, QUT

China: Prof Yong Ming Zhu, Zhengzhou Univ.

India: Prof Anthony Xavier VIT University

Poland: Prof. Anna Burduk, WUST

UK: Prof Mike Riley, PVC-Dean, FET, LJMU

Dr Andre DL. Batako, FET, LJMU

Secretary:

Prof. Xun Chen

Organizing committee

UK

Prof Cheng Kai - Brunel University

Prof Vadim Silberschmidt Loughborough Univ.

Prof. Alison McMillan, Glyndwr Univ.

Dr. Selorm Aduko, Brookes Univ.

Dr. Abdul-Majeed Mahamadu, Univ. West of England

Dr Henry Abanda, Oxford Brookes Univ.

Dr. Arivazhagan Anbalagan, Birmingham Univ.,

Dr Dehong Huo, University of Newcastle,

Poland

Prof. Damian Krenczyk

Dr Joanna Helman

Dr Maria Rosienkiewicz

Dr Tomasz Będzka

Dr Paweł Krowicki

Liverpool John Moores University

Prof Jin Wang

Prof Paulo Lisboa

Prof James. Ren

Prof David Harvey

Prof Rafid Al-Khaddar

Dr Martin Sharp

Dr Tahsin Opoz

Dr Mohammad Ateeq

Dr Vijay Karunamoothie

Dr Guang-Ming Zhang

Dr Sam Tammas-Williams

Dr Temitope Sam-Odusina

Dr. Jun Ren

Dr Musa Bashir

Dr Ibijoke Idowu

Dr Badr Abdullah

Dr Alex Teng

International Scientific committee

Prof. Yan-Lin Cai, Zhengzhou University, China

Prof Cheng Kai - Brunel University

Prof. Seeram Ramakrishna, NUS, Singapore

Prof. Manoj Gupta, NUS, Singapore

Dr. P. Radhakrishnan, PSGIAS, India

Dr. Ravichandran, CEO, Lucas TVS, India

Dr. B. Gurumoorthy, IISc, Bengaluru, India

Dr. Melany M. Ciampi, ING-PAED IGIP, Brazil

Dr. P. Selvaraj, ADA, Bengaluru, India

Dr. Hari Singh, NIT, Kurukshetra, India

Prof. Lal Tummala, San Diego State Univ., USA

Prof. Ill-Soo Kim, Mokpo National Univ, South Korea

Prof. Syed Masood, Swinburne Univ. of Tech., Australia

Dr. S. Butdee, King Mongkut's Inst. of Tech., Thailand

Prof Albert H. Ding, Harbin Inst. of Tech. China

Prof Kristofer Gamstedt, Uppsala Univ., Sweden

Prof. Milan Brandt, RMIT Univ., Australia

Prof. Cuie Wen, RMIT Univ., Australia

Prof. Radha Prasadaram, MVGRCE, India

Dr. Geetha Manivasasagam, VIT Vellore, India

Prof. A.Senthil Kumar, NUS, Singapore

Prof. Zee Upton, A*Star, Singapore

Prof. Edward Chlebus, Wroclaw Univ. of Science & Tech, Poland

Prof. Tomasz Nowakowski, Wroclaw Univ. of Science & Tech,

Prof. Anna Burduk, Wroclaw Univ. of Science & Tech, Poland

Dr. A. Elaya Erumal, Anna Univ., India

Dr. Sarat Singamneni, AUT, New Zealand

Prof Baghal-Wadji Alireza, Univ. of Cape Town, South Africa

Prof. Songmei Yuan, Beihang university Beijing, China

Prof Sun Yuwen, Dalian University of Technology, China

Prof Zhang Feihu, Harbin Institute of Technology, China

Prof Shuwen Wang, Univ. of Shanghai for Science & Tech. China

Prof Xuhui Zhang, Xi'an Univ. of Science & Tech., China

Prof Farong Kou, Xi'an Univ. of Science & Tech., China

Prof Qinghua Mao, Xi'an Univ. of Science & Tech., China

Prof Tao Zhang, Xi'an Univ. of Science & Tech., China

Prof Ma Jiang, Shenzhen Univ., China

Prof Long, Z.L Harbin Institute of Technology, China,

Prof Liu Xiucheng, Beijing Univ. of Tech., China

Prof. Kondo Adjallah, Université de Lorraine, France

Prof. Agbossou, Kodjo, Univ. Quebec Trois-Rivières, QC, Canada

Prof. J. Joel, VIT, India

Prof. P. Jeyapandiarajan, VIT, India

Prof Midzodzi Pekpe, University of Lille, France

Prof. Elegbede, Charles A.O. Ariane Group, France

Prof. Nikolai Zubkov, Baunam Univ. Moscow, Russia

Prof Komla Kassegne, Univ. of Lomé, Togo

GCMM BOARD

President: Dr. G Viswanathan, Chancellor, VIT Univ.

Secretary: Prof. Prasad KDV Yarlagadda, OAM, QUT

Board Members:

Australia: Prof. Ayo Olofinjana, Univ. of Sunshine Coast

Brazil: Dr. C. Brito, President, CRES

Canada: Dr. H. ElMaraghy, Univ. of Windsor

China: Prof. Yongming Zhu, Zhengzhou Univ.

Prof. David Wang, IAASET

Dr. Shouqin Zhou, CIMC Co. LTD

Egypt: Dr. H. Elwany, Alexandria Univ.

France: Prof. S. Tichkiewitch, Domaine Univ.

Prof. K. H. Adjallah, ENIM, Loraine Univ.

Germany: Prof. Dr. Ing. P. Gümpel, Fachhochschule

Konstanz

India: Prof. Krishnanand Lanka, NIT

Dr. Ravichandran, CEO, Lucas TVS

L. Gopalakrishnan., PSG & Sons Charities

South Korea: Prof. Y.T. Im, KAIST

Prof. Ill-Soo Kim, Mokpo National Univ.

Malaysia: Prof. Walter CK Wong, Berjaya Univ.

Mexico: Prof. C. Acosta, Universidad de las America-Pueba

Netherlands: Dr. E. De Bruijn, Univ. of Twente

New Zealand: Dr. Sarat Singamneni, AUT

Prof. Mark P. Taylor, Univ. of Auckland

Poland: Prof. Leszek A. Dobrzanski, Science Centre

ASKLEPIOS, Gliwice.

Prof. Korneliusz Pylak, Lublin Univ. of Tech.

Singapore: Prof. Seeram Ramakrishna, NUS, Singapore

Slovenia: Prof. Janez Kopac, Univ. of Ljubljana

Spain: Dr. E. Tovar, Universidad Politecnica de Madrid

Switzerland: Dr. T. Schelker, Swiss College of Agriculture

Thailand: Dr. S. Butdee, King Mongkut's Inst. of Tech.

UK: Dr. Batako D.L. Andre, Liverpool John Moores Univ.

USA: Prof. K.S. Taraman, Lawrence Technological Univ.

Prof. Lal Tummala, San Diego State Univ.

LIVERPOOL

Why Liverpool?

Liverpool is a maritime city where the River Mersey meets the Irish Sea. A key trade and migration port from the 18th to the early 20th centuries, it's the home of great Football the hometown of The Beatles. Ferries cruise the waterfront, where the iconic mercantile buildings known as the "Three Graces" – Royal Liver Building, Cunard Building and Port of Liverpool Building – stand on the Pier Head, where the venue of GCMM2020 is located. Liverpool European capital of culture 2028 is only 2.5 hours from London, 45 min from Manchester and 3.5 hours from Edinburgh.

VENUE

Crowne Plaza City Centre
2 St Nicholas Pl, Liverpool



https://www.ihg.com/crowneplaza/hotels/gb/en/liverpool/lpluk/hoteldetail/photos-tours#scmisc=nav_photos-tours_cp

Kawasaki
Powering your potential

IET The Institution of
Engineering and Technology



Sponsors:

VIT

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)



LIVERPOOL Football



Liverpool FC



LIVERPOOL Historical Spots



The Beatles



LIVERPOOL Automotive



Jaguar Land-Rover

Getrag Transmission



Pop in & Try UK latest High Tech in 35 tonnes truck on site daily

A set of social programme is being developed to give all attendees an enjoyable and memorable experience in Liverpool.

at the registration you can select to visit

- Liverpool Football Club where you have unique opportunity to take pictures
- Getrag - manufacturing of Transmission gearbox
- Jaguar Land Rover - Evoke experience
- CNC Robotics
- Daily on site show of 35 tonnes of UK High Tech. including virtual reality, etc.
- Other freelance options

CNC Robotics



CNC Robotics Ltd.



Sponsors:

Be our sponsor & Put your Logo Here

