



**International Symposium on
Industrial Engineering and Operations Management**
Bristol, United Kingdom (UK), July 24-25, 2017
Venue: **The University of the West of England**
www.ieomsociety.org/ieomuk/

Theme

“The Challenge of Industrial Engineering and Operations Management in Building Sustainable Manufacturing and Service Systems”

Organised by: University of Derby and University of the West of England

IEOM Society has become a premier international platform and forum for academics, researchers, scientists and practitioners to exchange ideas and provide insights into the latest developments and advancements in the fields of Industrial Engineering and Operations Management. After having successfully organised previous international conferences in Bangladesh (2010), Malaysia (2011), Turkey (2012), Indonesia (2014), UAE (2015), US (2015; 2016) and Malaysia (2016), the IEOM Society is now jointly organising with the University of Derby and the University of the West of England an International Symposium on Industrial Engineering and Operations Management. The event will be held at the University of the West of England, Bristol, UK on July 24-25, 2017.

The first IEOM UK International Symposium on Industrial Engineering and Operations Management aims at providing a platform for academics, researchers, scientists and practitioners to exchange ideas to bridge the gap between the Industrial Engineering and Operations Management theory and its application to solve the most current problems and challenges faced by 21st century organisations. Hence, the conference is also expected to foster networking, collaboration and a joint effort among the conference participants to advance the theory and practice as well as to identify major trends in Industrial Engineering and Operations Management. The main focus of the symposium is to explore how the fields of Industrial Engineering and Operations Management may contribute in addressing one of the main challenges that mankind is currently facing; how to achieve sustainable economic and social growth while at the same time reducing environmental degradation, climate change and resources scarcity. The main theme of the symposium is therefore **“The Challenge of Industrial Engineering and Operations Management in Building Sustainable Manufacturing and Service Systems”**. The first IEOM UK International Symposium on Industrial Engineering and Operations will hence promote knowledge and experience sharing between Industrial Engineering and Operations Management experts to address this challenge.

Topics covering industrial issues/applications and theoretical research in Manufacturing and Service Systems include, but are not limited to:

- Artificial Intelligence
- Automation and Control
- Circular Economy
- Computers and Computing
- Construction Management
- Data Analytics
- Decision Sciences
- E-Business and E-Commerce
- Energy and Resource Efficiency
- Engineering Economy, Education & Management
- Entrepreneurship and Innovation
- Facilities Planning and Management
- Financial Engineering, Material Flow Cost Accounting (MFCA)
- Global Manufacturing
- High Value Manufacturing
- Human Factors and Ergonomics
- Information Technology and Information Systems
- Inventory Management
- Knowledge Management
- Lean and Six Sigma
- Logistics, Transport and Traffic Management

- Manufacturing Design and Servitisation
- Modeling and Simulation
- Operations Management and Operations Research
- Production Planning and Management
- Project Management
- Quality Engineering, Control and Management
- Reliability and Maintenance
- Service Systems and Service Management
- Supply Chain Management
- Sustainability in Supply Chains and Operations
- Sustainability Issues in Manufacturing, Services, Logistics, and Freight transportation
- Sustainability and Green Systems
- Sustainable Manufacturing
- Systems Engineering
- Technology Management
- Tools for Sustainable Manufacturing and Service Systems Design, Management, and Performance Measurement
- Waste Management
- Any other Industrial Engineering and Operations Management related topics

We invite you to join this novel symposium in a city that is enveloped in the hills of South West England, and that has a distinctive identity that outrivals anywhere else. We warmly welcome your participation at the first IEOM UK International Symposium on Industrial Engineering and Operations Management in July 2017.

Program

July 23, 2017 (Sunday)

15:00 – 21:00 Registration

July 24, 2017 (Monday)

07:00 – 17:00 Registration

08:00 – 09:15 Parallel Sessions

09:30 – 10:00 Welcome Address

10:00 – 11:00 Opening Keynote:

11:00 – 11:30 Networking Break at Exhibition Hall

11:30 – 12:45 Parallel Sessions

13:00 – 14:30 Lunch Break

14:30 – 15:45 Parallel Sessions

15:45 – 16:00 Break

16:00 – 17:15 Parallel Sessions

July 25, 2017 (Tuesday)

07:00 – 17:00 Registration

08:00 – 09:15 Parallel Sessions

9:30 – 10:15 Tuesday Morning Keynote I: Dr. Jiju Antony, Professor of Quality Management, Department of Business Management, Heriot Watt University, Edinburgh, United Kingdom

10:15 – 11:00 Tuesday Morning Keynote II:

11:00 – 11:30 Networking Break at Exhibition Hall

11:30 – 12:45 Parallel Sessions

13:00 – 15:30 Award Luncheon

15:30 – 16:45 Parallel Sessions

16:45 – 17:00 Break

17:00 – 18:00 Parallel Sessions

Special Tracks ([Submit Online](#))

Manufacturing Intelligence ([Track Description](#))

Organized by

Dr. Rupy Sawhney

Center for Advanced Systems Research and Education (CASRE)

University of Tennessee, Knoxville, TN, USA

sawhney@utk.edu

Technology & Knowledge Management ([Track Description](#))

TRACK CHAIRS

Dr. Gareth White

Reader

Operations and Information

Management

Faculty of Business & Society

University of South Wales

Cardiff, UK

gareth.white@southwales.ac.uk

Dr. Jonathan Moizer

Associate Professor

Business Operations & Strategy

Plymouth Graduate School of Management

& Plymouth Business School

Plymouth University

Devon, United Kingdom

jonathan.moizer@plymouth.ac.uk

Dr. John Loonam

Lecturer in Management

DCU Business School

Dublin City University

Dublin, Ireland

John.Loonam@dcu.ie

REGISTRATION: Professional and Faculty - \$400; Student - \$200

Symposium registration includes lunches, tea breaks, proceedings, program and attendance certificate.

Symposium Chairs:

Dr. Jose Arturo Garza-Reyes, Derby Business School, University of Derby, UK

Dr. Vikas Kumar, Bristol Business School, University of the West of England, UK

Technical Chairs

Program Chairs

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