

Welcome to the 3rd Australia International Conference on Industrial Engineering and Operations Management in Sydney, Australia, 2024

To All-Conference Attendees:

We would like to begin by acknowledging the Traditional Custodians of the land on which we gather. We would also like to pay our respects to their elders past and present.

On behalf of the IEOM Society International, we would like to welcome you to the 3rd Australian International Conference on Industrial Engineering and Operations Management, September 24 -26, 2024. The Venue is Hilton Hotel Sydney, 488 George Street, Sydney, Australia. This unique international conference provides a forum for academics, researchers, and practitioners from many industries to exchange ideas and share recent developments in the fields of industrial engineering and operations management. This diverse international event provides an opportunity to collaborate and advance the theory and practice of major trends in industrial engineering and operations management. There were more than 200 papers/abstracts submitted from 20 countries. After a thorough peer-review process, more than 150 have been accepted for presentation and publication. The program includes many cutting-edge topics in industrial engineering and operations management.

This conference will address issues concerning the continuous improvement of quality and services in supply chain, logistics, and applications of AI based techniques. The IEOM Society is delighted to have the following keynote speakers:

1. **Professor Dr Kannan Govindan**, Director, Centre for Sustainable Operations and Resilient Supply Chain (CSORSC), Institute for Sustainability, Energy and Resources (ISER) & Adelaide Business School (ABS), Division of Research and Innovation, the University of Adelaide, Adelaide, Australia
2. **Romy Baker** MBA, Grad Dip Admin, GAICD, RN, Chief Executive Officer (CEO), Business Excellence Australia
3. **Professor Olivia Mirza**, Associate Dean, Engagement, School of Engineering, Design & Built Environment, Western Sydney University, Sydney, Australia. Topic: Sustainability in Engineering Projects
4. **Professor Dr Sami Kara**, School of Mechanical & Manufacturing Engineering, University of New South Wales (UNSW), Sydney, New South Wales, Australia. Topic: Decarbonization and Sustainability of Manufacturing Industry towards Net-Zero
5. **Jamie Burrage**, General Manager, Sydney Division, Engineers Australia (EA), Sydney, Australia. Topic: Engineering workforce in Australia from a skills supply and demand perspective
6. **Dr Mohsin Malik**, Associate Professor & Director-Master of Project Management, Swinburn Business School, Swinburn University of Technology, Australia

The IEOM Society is an international professional organization that operates in 151 countries. We are a student-focused organization with 250 student chapters in 55 countries. Participation in the conference includes 20 countries from around the world from industry and academia. Students will participate in competitions on Industrial Engineering and Operations Management sponsored by industry. At this conference, the IEOM Society will hold its Global Engineering Education session which will feature distinguished speakers who will discuss workforce readiness and engineering education challenges and opportunities. The IEOM Industry Solutions will showcase and feature major topics including IoT, AI, Data Analytics, iCloud, Cyber security, Automation, Digital Manufacturing, MSV, and industry best practices. Global Supply Chain and Logistics will address the global logistic challenges due to the pandemic and Global Business Management will focus on business operations improvement. Panel sessions have been planned: Diversity and Inclusion Panel, Editorial Panel, and Industrial Engineering and Operations Management Tools panel.

The IEOM Society would like to express our deep appreciation to our sponsors, university partners, organization partners, exhibitors, authors, reviewers, keynote speakers, panelists, track chairs, advisors, the Australian Advisory committee, and the many volunteers who have given so much of their time and talent to make this unique international conference an overwhelming success.

Our very best wishes to all of you for a successful and memorable event.



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