

Welcome to the 10th North American Conference on Industrial Engineering and Operations Management, Orlando, Florida, USA

To All-Conference Attendees:

On behalf of the IEOM Society International, we would like to welcome you to the 10th North American **International Conference on Industrial Engineering and Operations Management**, June 17-19, 2025. It is hosted by the University of Central Florida (UCF), Orlando, USA. The venue is UCF FAIRWINDS Alumni Center. Florida Polytechnic University is a co-host. 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 350 papers/abstracts submitted from 42 countries. After a thorough peer-review process, more than 280 have been accepted for presentation and publication. The program includes many cutting-edge topics in industrial engineering and operations management.

This conference will address many of the issues concerning the continuous improvement of quality and service. The IEOM Society is delighted to have the following keynote speakers at the 10th North American Conference:

1. Host Welcome Address – Michael Georgiopoulos, Ph.D., Dean, UCF College of Engineering and Computer Science
2. Barbara Brown, Director, Exploration Research and Technology Programs, NASA, Kennedy Space Center, Florida, USA
3. David Stubsten, Senior Manager, Development – Industrial Engineering, The Walt Disney Company, Orlando, Florida
4. Dr. Christopher Mejia, Research Scientist, MIT Center for Transportation & Logistics, Director, MIT SCALE Network for Latin America and the Caribbean, Director, MIT Graduate Certificate in Logistics and SCM (GCLOG) program and Founder & Director, MIT Food and Retail Operations Lab, Massachusetts Institute of Technology, Cambridge, MA
5. Lee R. Lambert, A Founder of the PMP, Powell, Ohio, United States
6. Michael Tanis, Sr Manager Industrial Engineer, Blue Origin, Merritt Island, Florida, USA
7. Khaled El Dorry, Director, Reliability and Maintenance Engineering – North America Fulfilment (NACF), Amazon, Orlando
8. Dr. Waldemar Karwowski, Pegasus Professor and Chairman, Department of Industrial Engineering and Management Systems, University of Central Florida, Orlando, Florida, USA
9. Dr. Ivan Garibay, Associate Professor, Industrial Engineering and Management Systems, Director, UCF Artificial Intelligence and Big Data Initiative, Director, Master of Science in Data Analytics, Director, Complex Adaptive Systems Laboratory and Founding Director, UCF I-Corps program, University of Central Florida
10. Javad Mokhbary, CEO and President, FUTEK Advanced Sensor Technology, Inc., Irvine, California, United States
11. Mitchell Rabinowitz, PhD, MPH, Research Administrator, Icahn School of Medicine at Mount Sinai, New York, USA
12. Dr. Soheil Sabri, Urban Planner and Geospatial Scientist, and co-chair of the Academia and Research Working Group within the Digital Twin Consortium, University of Central Florida
13. Dr. Cristian Barria, Professor, Director, Master of Engineering and Information Security and Director of the Cybersecurity Research Center, Universidad Mayor, Santiago, Chile
14. Emmanuel Urquieta, M.D., M.S., FAsMA, Vice Chair of Aerospace Medicine and Associate Professor of Medicine, University of Central Florida – College of Medicine
15. Professor Christopher S. Cerqueira, Brazilian Aeronautics Institute of Technology (ITA), São José dos Campos, Brazil

Six panel sessions, five workshops, and 11 competitions have been planned. 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 local committee, and the many volunteers who have given so much of their time and talent to make this unique international conference an overwhelming success. There are many sightseeing sites in the Orlando area.

Our conference host, the University of Central Florida, would like to extend a warm welcome to all participants.

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



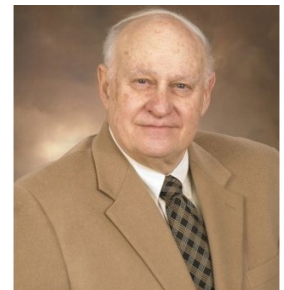
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Dr. Shahram Taj
Conference Co-Chair
Chair and Professor
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Dr. Ahad Ali
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