

# Welcome to the 8<sup>th</sup> North American Conference on Industrial Engineering and Operations Management in Huston, Texas, USA

## To All-Conference Attendees:

On behalf of the IEOM Society International, we would like to welcome you to the 8th North American **International Conference on Industrial Engineering and Operations Management**, June 12-15, 2023. It is hosted by Texas A&M Engineering Experiment Station Institute of Manufacturing Systems (TEES-IMS) in collaboration with University of Houston. Venue is Hilton Hotel University of Houston. 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 400 papers/abstracts submitted from 30 countries. After a thorough peer-review process, more than 250 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 8th North American Conference:

1. Dr. Hamid R. Parsaei, Professor of Industrial & Systems Engineering, Texas A&M University, College Station, Texas
2. Dr. Satish Bukkapatnam, Professor, Industrial & Systems Engineering, Rockwell International Professor, College of Engineering and Director, TEES Institute for Manufacturing Systems, Texas A&M University, College Station, USA
3. Dr. Vivek Anand, Vice President & Head of Technology, Deloitte Consulting, Houston, TX, USA
4. Mark A. Bolen, VP of Quality, Engineering & Fleet, Cintas Corporation, Lebanon, Ohio, United States
5. Dr. Gino Lim, R. Larry and Gerlene (Gerri) R. Snider Endowed Chair and Professor & Chair, Department of Industrial Engineering, University of Houston – University Park, Houston, Texas, USA
6. José Rivera, Chief Admin Quality Officer, MD Anderson Cancer Center, Houston, Texas, United States
7. Dr. Robert Swearingen, Head of Strategic Sourcing and Supply Chain Management, Siemens GCI, Texas, USA
8. Dr. Luis Rabelo, Professor, Department of Industrial Engineering & Management Systems, University of Central Florida, Orlando, FL, USA
9. Suresh Vaidyanathan, Chief Engineer & General Manager, Refining Business Improvement, Phillips 66, Westchase, Houston, Texas
10. Bruce Webb, Chief Pilot, Director of Aviation Education and Community Outreach, Airbus Helicopters, Inc., Prairie, Texas, USA
11. Paul Perkins, President, Amatrol, Inc., Jeffersonville, Indiana, USA
12. Dr. Magdy Akladios, Chair, Department of Physical and Applied Sciences and Professor of Occupational Safety and Health with Specializations in Industrial Hygiene or Safety, University of Houston-Clear Lake, Texas, USA

At this conference, the IEOM Society will hold its Global Engineering Education session. It will feature distinguished speakers who will discuss workforce readiness and engineering education challenges and opportunities. The IEOM Industry Solutions will showcase will also be held and feature major topics including lean, six sigma, IoT, AI, data analytics and industry best practices. The IEOM Global Supply Chain and Logistics will address the global logistic challenges. Nine panel sessions have been planned: Global Engineering Education, Data Analytics, Industry 4.0, Human Factors and Ergonomics, Supply Chain, Women in Industry and Academia, Lean Six Sigma, Using Assessment to Improve Student Learning and Curriculum and Diversity & Inclusion sponsored by Ford Motor Company.

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.

Our conference hosts, Texas A&M Engineering Experiment Station Institute of Manufacturing Systems (TEES-IMS) and University of Houston, would like to extend a warm welcome to all participants.

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



**Dr. Satish Bukkapatnam**  
Conference Chair  
Rockwell International Professor and Director, TEES Institute for Manufacturing Systems, Texas A&M University, College Station



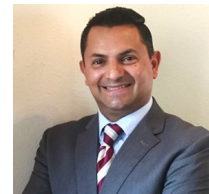
**Dr. Gino Lim**  
Conference Co-Chair  
Professor & Chair, R. Larry and Gerlene (Gerri) R. Snider Endowed Chair, Dept. of Industrial Engineering, University of Houston, Texas, USA



**Dr. Hamid R. Parsaei**  
Conference Co-Chair  
Professor of Industrial & Systems Engineering, Texas A&M University, College Station, Texas, USA



**Dr. Ahad Ali**  
Conference Co-Chair  
Associate Professor and Director of IE Program  
Lawrence Tech University  
Executive Director of IEOM



**Eric Ayanegui**  
Industry Chair  
Director Operations Engineering, Cintas Corp., Houston, Texas, USA



**Prof. Don Reimer**  
Program Chair  
Director of Membership and Chapters – IEOM Society  
President, The Small Business Strategy Group, Southfield, Michigan, USA