



Fifth NA IEOM Monterrey Conference

Monterrey, Mexico, September 30 - October 2, 2020

Venue: Cintermex Convention Center

<http://www.ieomsociety.org/monterrey2020/>

Theme: **Operations Excellence in the Industry 4.0 Era**

The IEOM Society is organizing the Fifth North American International Conference on Industrial Engineering and Operations Management during September 30 - October 2, 2020 in Monterrey, Mexico. The conference provides a forum for academics, researchers and practitioners to exchange ideas and recent developments in the field of industrial engineering, systems engineering, service engineering, manufacturing engineering, quality and reliability reengineering, operations research, engineering management, operations management and operations excellence. The event will advance theory and practice by fostering networking, collaboration and joint effort among the conference participants. Proceeding papers (double peer review) will be indexed in SCOPUS.

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. IEOM has successfully organized international conferences in Dhaka (2010), Kuala Lumpur (2011), Istanbul (2012), Bali (2014), Dubai (2015), Orlando (2015), KL (2016), Detroit (2016), Rabat (2017), Bristol, UK (2017), Bogota (2017), Bandung (2018), Paris (2018), Washington DC (2018), Pretoria (2018), Bangkok (2019), Pilsen (2019), Toronto (2019) and Riyadh (2019).

The conference will cover the following topics but not limited to:

Artificial Intelligence	E-Business/E-Service	Innovation	Project Management
Automation and Control	E-Manufacturing	Inventory Management	Quality
Business Management	Energy	IoT	Reliability
Biomedical Systems	Energy Efficiency	Lean	Service Systems and Management
Case Studies	Engineering Education	Logistics	Six Sigma
Construction Management	Engineering Management	Maintenance Services	Smart Mobility
Data Analytics / Big Data	Entrepreneurship	Manufacturing	Supply Chain
Decision Sciences	Environmental Services	Materials Engineering	Sustainability
Defense	Financial Service Management	Mechanical Design	Systems Dynamics
Contracting	Healthcare Services	Modeling and Simulation	Systems Engineering
Cybersecurity	Human Factors and Ergonomics	Operations Management	Technology Management
Design and Analysis	Industrial Services	Operations Research	Transportation and Traffic
Digital Transformation of Business	Industry Practices and Solutions	Product Lifecycle Management	User Experience (UX)
Models	IT / IS / iCloud	Production Planning and Control	

Special Tracks: Industry 4.0 Global Engineering Education Smart Mobility Industry Solutions Digital Transformation of Business Models

Competitions: Trophies and Award Certificates will be provided for 1st, 2nd & 3rd place winners for each category.

Undergraduate Student Paper Competition	Undergraduate STEM Research Competition	Lean Six Sigma Competition
Graduate Student Paper Competition	High School STEM Competition	Supply Chain and Logistics Competition
Doctoral Dissertation Competition	Sr. Capstone Design Project Poster Competition	Undergraduate Poster Competition
Master Thesis Competition	Simulation Competition	Graduate Poster Competition

Conference Chairs:

Dr. Bernaro Villarreal Celstino, Engineering Department, University of Monterrey, México

Dr. Ing. Luz María Valdez de la Rosa, Engineering Department, University of Monterrey, México

Ing. Jacobo Tijerina Aguilera, Director of Extension, Consulting and Research Division, University of Monterrey, México

Dr. Ahad Ali, Lawrence Technological University, Michigan, USA

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