



12th Annual International Conference on
**Industrial Engineering and
 Operations Management**
 March 7-10, 2022, Istanbul, Turkey
 Venue: Hilton Istanbul Bomonti Hotel + Online



The 12th Annual International Conference on Industrial Engineering and Operations Management

Istanbul, Turkey, March 7 - 10, 2022. Venue - Hilton Istanbul Bomonti Hotel-Hybrid

Host: Kadir Has University, in collaboration with Sabancı University

<http://ieomsociety.org/istanbul2022/>

IEOM Society International, a nonprofit professional organization is organizing the 12th IEOM Annual International Conference to be held in Istanbul, Turkey during March 7-10, 2022. Venue is Hilton Istanbul Bomonti Hotel. Host is Kadir Has University, Istanbul in collaboration with Sabancı University. IEOM 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 previous international conferences in Dhaka (2010), Kuala Lumpur (2011), Istanbul (2012), Bali (2014), Dubai (2015), Orlando (2015), Kuala Lumpur (2016), Detroit (2016), Rabat (2017), Bristol, UK (2017), Bogota (2017), Bandung (2018), Paris (2018), Washington DC (2018), Pretoria (2018), Bangkok (2019), Toronto (2019), Riyadh (2019), Dubai (2020), Detroit (2020), Harare (2020), Singapore (2020), Sao Paulo (2021), Haiti (2021), Harbin (2021), Rome (2021), Bangalore (2021) and Monterrey (2021). IEOM has more than 153 student chapters and 40 professional chapter in 40 countries.

Some of the events and activities that are planned include: keynote, global engineering education, global business management education, global supply chain management education, Industry 4.0, industry solutions, women in industry and academia, undergraduate student paper competition, graduate student paper competition, doctoral dissertation competition, masters thesis competition, simulation competition, senior design project competition, undergraduate research competition, high school STEM competition, undergraduate and graduate poster competition, panel sessions, recognition and awards, fellows, exhibition, IEOM student and professional chapter activities and tours.

*Authors can submit full paper(s) or abstract(s) only. IEOM Society encourages to submit full paper(s). All full papers will be subjected to double peer review. Accepted papers will be published in Proceedings and indexed by **SCOPUS** and **EBSCO**.*

Tracks: Topics covering industrial issues/applications and academic research include, but are not limited to:

Artificial Intelligence
 Automation and Control
 Business Management
 Case Studies
 Computers and Computing
 Construction Management
 Data Analytics and Big Data
 Decision Sciences
 Defense Management Science
 Design and Analysis
 E-Business and E-Commerce
 Energy
 Engineering Economy
 Engineering Education
 Engineering Management
 Entrepreneurship and Innovation
 Facilities Planning and Management
 Financial Engineering
 Healthcare Systems
 Human Factors and Ergonomics
 IE / OM in Africa, Asia & Europe
 Industrial Management
 Information Technology/Information Systems
 Inventory Management
 IoT

Lean and Six Sigma
 Logistics Management
 Material Flow Cost Accounting (MFCA)
 Modeling and Simulation
 Occupational Safety and Health (OSH)
 Operations Management
 Operations Research
 Product Design and Development
 Product Lifecycle Management
 Production Planning and Management
 Project Management / Program Management
 Quality Control and Management
 Reliability and Maintenance
 Robotics Engineering
 Sensors and Sensing Systems
 Service Systems and Service Management
 Software Testing and Quality Assurance
 Statistical Process Control
 Statistics and Empirical Research
 Supply Chain Management
 Sustainability and Green Systems
 Sustainable Manufacturing
 Sustainable Production and Quality Management
 Systems Dynamics
 Systems Engineering

Technology Management
 Total Quality Management
 Transportation and Traffic
 Work Design, Measurement and ISO

Special Tracks

Global Engineering Education (GEE)
 Industry 4.0
 Industry Solutions
 Women in Industry & Academia (WIIA)
 Panel Sessions on GEE, Industry 4.0 and WIIA

Competitions

Undergraduate Student Paper Competition
 Graduate Student Paper Competition
 Doctoral Dissertation Competition
 Master Thesis Competition
 Undergraduate STEM Research Competition
 Senior Capstone Design Project Competition
 High School & Middle School STEM Competition
 Poster Competition
 Human Factors and Ergonomics
 Simulation Competition
 Lean Six Sigma Competition
 Logistic Supply Chain Competition

Honorary Chair: Dr. Gündüz Ulusoy, Emeritus Professor of Industrial Engineering, Sabancı University, Tuzla, Istanbul, Turkey

Conference Chairs

Dr. Zeki Ayag, Professor, Department of Industrial Engineering, Kadir Has University, Istanbul, Turkey

Dr. Ahad Ali, Associate Professor and Director of Industrial Engineering, Lawrence Technological University, Michigan, USA

Program Chair: Dr. Kemal Kılıç, Associate Professor of Industrial Engineering, Sabancı University, Tuzla, Istanbul, Turkey

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