

Paper Title

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Paper Title

- 18 font with bold and center justification
- All titles should be in standard mixed case, where the first letter of each word is capitalized and followed by lowercase letters.

The abstract title must be related to the following 16 topics. Otherwise, it will not be sent for indexing.

Topics

1. Artificial Intelligence and Data Science
2. Automation, Robotics and Autonomous Systems
3. Business Management and Operations Management
4. Digital Transformation, Industry 4.0 and IoT
5. Engineering Education and Curriculum Improvement
6. Engineering Management and Project Management
7. Entrepreneurship and Innovation
8. Facility Planning and Layout
9. Human Factors, Ergonomics and Healthcare Systems
10. Lean Six Sigma and Operations Excellence
11. Manufacturing, Assembly and Design
12. Quality, Reliability and Maintenance

13. Simulation, Optimization and Productivity Improvement
14. Supply Chain and Logistics
15. Sustainability, Green Systems and Energy
16. Case Studies and Best Practices

Authors and Affiliations

- Author name – 12 font with bold and center justification
- Affiliation – 12 font with center justification
- Authors with the same affiliation should be together
- Authors with different affiliations should be listed separately with one space in between
- Email can be added for each author
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Abstract

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- Abstract title – 12 font with bold and center justification
- Abstract text – 10 font with full justification
- Not exceeding 250 words.

Keywords (12 font)

Keyword 1, Keyword 2, Keyword 3, Keyword 4 and Keyword 5. (10 font)

- No more than five keywords (10 font)

Page Layout

- 8 1/2" X 11" paper
- All margins: 1.00"
- Full justification
- Times New Roman font
- Maximum 250 words for abstract-only submission
- Conference name as a header and copyright information as a footer must be used. Copyright information implies that IEOM Society International has the right to publish the paper

Acknowledgments

Add acknowledgement if need

Biography / Biographies (for single author – biography and multiple authors- biographies) – 12 font bold

- Include bio of each author at the end of the abstract, 10 font
- Limited to 250 words

Biographies

Dr. Ignasi Florensa is the Director of the Escola Universitària Salesiana de Sarrià (EUSS), a prominent engineering school in Barcelona affiliated with the Universitat Autònoma de Barcelona (UAB). In his role as Director, he leads the strategic management and academic development of the institution, fostering a pedagogical model known as "Engineering by Doing," which emphasizes practical competence and holistic student development. Dr. Florensa holds a Ph.D. in Education with a specialization in the Didactics of Mathematics, as well as an Industrial Engineering degree. This multidisciplinary background allows him to bridge the gap between technical engineering requirements and educational theory. Before assuming the position of Director, he served in various academic and management roles within the university, contributing significantly to the definition of engineering curricula. As a researcher, Dr. Florensa is an active member of the international community in Mathematics Education. His research framework is grounded in the Anthropological Theory of the Didactic (ATD). His primary research interests focus on the design, implementation, and analysis of Inquiry-Based Learning (IBL) environments, specifically through Study and Research Paths (SRP). He investigates how mathematical modeling can be effectively integrated into engineering education to improve future engineers' professional competencies. Dr. Florensa has authored numerous papers in high-impact scientific journals and is a regular contributor to international congresses such as the Congress of European Research in Mathematics Education (CERME) and the International Network for Didactic Research in University Mathematics (INDRUM). He is dedicated to advancing engineering education by promoting teaching methodologies that connect rigorous mathematical tools with real-world engineering problems.

Dr. Keivan Amirbagheri is the Head of the Department of Management Engineering (Industrial Organization) at the Escola Universitària Salesiana de Sarrià (EUSS School of Engineering), affiliated with the Autonomous University of Barcelona (UAB). He holds a Ph.D. in Business from the University of Barcelona (2019) and a Master's degree in Research in Business (2014) from the same institution. His educational background also includes an undergraduate degree in Industrial Engineering with a specialization in Industrial Production, and a degree in Executive Administration with a focus on Strategic Administration. Dr. Amirbagheri's research interests lie at the intersection of operations management, sustainability, and decision-making sciences. He specializes in Supply Chain Management, particularly Green Supply Chain and Humanitarian Supply Chain operations. He is also a recognized expert in the application of bibliometric analysis to map scientific trends in environmental sciences and engineering, as well as the use of Ordered Weighted Averaging (OWA) operators as decision-making tools in business and environmental contexts. In addition to his administrative role, Dr. Amirbagheri teaches advanced quantitative methods for management to engineering students. He is an active researcher with publications in high-impact journals, including *Computers & Industrial Engineering*, *Energy for Sustainable Development*, *Environment and Behavior*, and *Clean Technologies and Environmental Policy*. His work often explores the evolution of research in sustainability, environmental accounting, and the integration of fuzzy logic in industrial decision-making. He actively collaborates with international researchers from institutions in Chile, Australia, and the United Kingdom.

Dr. Ahad Ali is an associate professor, director of doctor of engineering in advanced manufacturing and director of industrial engineering programs (BSIE & MSIE) at A. Leon Linton Department of Mechanical, Robotics, and Industrial Engineering of the Lawrence Technological University (LTU), Southfield, Michigan, USA. He established the Siemens Electro-Matic Industrial Engineering Lab at LTU. Dr. Ali was the primary author of the ABET self-study report of the BSIE Program at LTU in 2022. He earned a BS in Mechanical Engineering from Khulna University of Engineering and Technology (KUET), Bangladesh, a Master's in Systems and Engineering Management from Nanyang Technological University, Singapore, and a Ph.D. in Industrial Engineering from the University of Wisconsin-Milwaukee, USA. Dr. Ali was an Assistant Professor in Industrial Engineering at the University of Puerto Rico - Mayaguez, a Visiting Assistant Professor in Mechanical, Industrial, and Manufacturing Engineering at the University of Toledo, and a Lecturer in Mechanical Engineering at the Bangladesh Institute of Technology, Khulna. He received an Outstanding Professor Award from the Industrial Engineering Department, University of Puerto Rico -Mayaguez. Dr. Ali has been recognized with a Fulbright Award. He has published 75 journal papers and 150 conference papers. Dr Ali conducted research projects with Chrysler, Ford, DTE Energy, New Center Stamping, Whelan Co., Delphi Automotive System, GE Medical Systems, International Truck and Engine Corporation (ITEC), and Rockwell Automation. His research interests include manufacturing systems, quality, lean, six-sigma, simulation, artificial intelligence, supply chain, and optimization. He supervised 11 doctoral students in Doctor of Engineering in Manufacturing Systems (DEMS). He is a founding team member and Chief Executive Officer (CEO) of IEOM Society International. Dr. Ali is a Co-Chair of the International Conference on Industrial Engineering and Operations Management. Dr. Ali organized IEOM conferences around the globe on six continents including Augsburg, Bali, Bangkok, Bogota, Bristol, Costa Rica, Delhi, Detroit, Dhaka, Dubai, Istanbul, Johannesburg, Kuala Lumpur, Lima, Manila, Melbourne, Monterrey, Muscat, Orlando, Paris, Pilsen, Rabat, Riyadh,

Sao Paulo, Sydney, Tokyo, Toronto, and Washington, DC. He is an associate editor of the IJIEOM. Dr. Ali is a member of IEOM, INFORMS, SME, and IEEE.

Professor Don Reimer is a Chief Operating Officer of the IEOM Society International, Southfield, Michigan, USA. He is a managing member of The Small Business Strategy Group, LLC, and working as an adjunct professor at Lawrence Technological University. Professor Reimer holds a Bachelor of Science degree in Industrial Management from Lawrence Technological University and a Master of Arts degree in Political Science from the University of Detroit/Mercy. He has been recognized as a professional management consultant with over 45 years of experience in working with closely held businesses. He has taught courses in entrepreneurship, management, corporate entrepreneurship, and innovation for engineers. Professor Reimer served as a member of the Minority Economic Development Committee of New Detroit. He has served as a KEEN Fellow for The Kern Family Foundation. He is a member of the Lawrence Tech Alumni Board of Directors and has been elected a Fellow of the IEOM Society International. Professor Reimer is a faculty advisor of the Student Chapter of the IEOM Society at Lawrence Tech. He visited 17 countries to organize IEOM conferences. Professor Reimer is coordinating IEOM student chapters around the world.