

Welcome to the 5th European Conference on Industrial Engineering and Operations Management in Rome

To All-Conference Attendees:

On behalf of the IEOM Society International, we would like to welcome you to the **5th European Conference on Industrial Engineering and Operations Management**, July 25-28, 2022, hosted by Sapienza – University of Rome. 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 600 papers/abstracts submitted from 51 countries. After a thorough peer-review process, more than 400 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 their 5th European Conference:

1. Dr. Giulio di Gravio, Full Professor at the Department of Mechanical and Aerospace Engineering and Coordinator of the PhD course in Industrial and Management Engineering, Sapienza – University of Rome, Rome, Italy
2. Dr. Alexandre Dolgui, Editor-in-Chief, International Journal of Production Research, Distinguished Professor, Head of Department Automation, Production and Computer Sciences, IMT Atlantique, Nantes, France
3. Andrea Benfenati, Founder and Senior Management Consultant, Newconsulting Srls, Parma, Emilia-Romagna, Italy
4. Prof. Dr. Tirta Nugraha Mursitama, Vice Rector of Research and Technology Transfer, Bina Nusantara University, Jakarta, Indonesia
5. Franco Megall, VP and CEO Italy, Israel and Greece, Siemens Industry Software S.r.l., Global Sales & Customer Success, Via Werner von Siemens, 1, 20128 Milano, Italy
6. Dr. Federica Caffaro, Faculty in Work and Organisational Psychology, Department of Education, Roma Tre University, Rome, Italy
7. Prof. Virgílio Cruz Machado, Director / Dean, Nova School of Science and Technology, Universidade NOVA de Lisboa, Caparica, Portugal
8. Dr. Tomohiko Sakao, Professor of Sustainable Product/Service Systems, Linköping University, Sweden
9. Dr. Maria Antonella Ferri, Dean, Economics and Business Management, Full Professor of Management, Universitas Mercatorum, Roma
10. Matteo Balboni, Sr. Engineering Manager | Quality Design | RCS, Medtronic, Mirandola, Italy
11. Raphael Grzibietz, Ph.D., Emeritus Professor (Road Safety), Transport and Road Safety (TARS) Research Centre, School of Aviation, University of New South Wales, Sydney, Australia
12. Dr. Juan Jesus Perez, Full Professor of Physical Chemistry, Universitat Politècnica de Catalunya, UPC, Barcelona, Spain
13. Luz María Valdez de la Rosa, Ph.D., Profesora del Departamento de Ingeniería Civil y Gestión, Universidad de Monterrey, Mexico
14. Mr. Salvatore Giula, Head of MEP & Safety for Design & Built Activities, SYSTRA SWS, Rome, Italy, and Chairman of the Italian Technical Committee 4.4 "Tunnels" of the World Road Association

At this conference, the IEOM Society will hold its 32nd Global Engineering Education session. It will feature distinguished speakers who will discuss workforce readiness and engineering education challenges and opportunities. The 31st IEOM Industry Solutions showcase will also be held and feature major topics including IoT, AI, data analytics, iCloud, cybersecurity, automation, digital manufacturing, MSV, and industry best practices. The 2nd Global Business Management has three sessions. The 11th IEOM Global Supply Chain and Logistics will address the global logistic challenges due to the pandemic. Three-panel sessions have been planned: Global Engineering Education, Women in Industry and Transition to Human-Centric and Resilient Manufacturing Panel.

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.

Sapienza - the University of Rome, the conference host, welcomes all participants. The IEOM Society Conference Organizing, and Planning Committee wishes all of you a very successful and meaningful conference. Enjoy the opportunity to listen, learn, and network. Hopefully, our guests will have an opportunity to explore the beautiful city of Rome.

Enjoy the conference!



Dr. Mario Fagnoli
Universitas Mercatorum (Committee Chairman)



Prof. Mara Lombardi
Sapienza - University of Rome



Dr. Patrick Dallasega
Free University of Bozen-South Tyrol



Dr. Matteo Mario Savino
University of Sannio



Prof. Massimo Guarascio, Former full Professor at Sapienza-University



Dr. Andrea Falegnami
Sapienza-University of Rome



Dr. Silvia Colabianchi
Sapienza-University of Rome



Dr. Ahad Ali
Lawrence Tech, MI, USA