

# Welcome to the 7<sup>th</sup> European Conference on Industrial Engineering and Operations Management in Augsburg, Germany

## To All Conference Attendees:

On behalf of the IEOM Society International, we welcome you to the 7<sup>th</sup> European **International Conference on Industrial Engineering and Operations Management**, July 16-18, 2024. The conference host is the Technical University of Applied Sciences Augsburg. 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 theories and practices of major trends in the profession. There were more than 250 papers/abstracts submitted from 46 countries. After a thorough peer-review process, more than 220 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 AI-based Resilient Manufacturing and Supply Chain. The IEOM Society is delighted to have the following keynote speakers at the 7<sup>th</sup> European IEOM Conference:

1. Prof. Dr. Nadine Warkotsch – Vice President for Research and Sustainability, Technical University of Applied Sciences Augsburg
2. Dr. Vasko Isakovic, Head of KUKA Simulation Business in the KUKA Robotics Group, Kuka AG, Augsburg, Germany
3. Roland Jenning, Senior Vice President of Digital Solutions, Grenzebach
4. Dr. Carsten Hahn Research Professor + Senior Director SAP – Karlsruhe University of Applied Science / SAP
5. Dr.-Ing. Philipp Frey, Researcher, Technische Hochschule Nürnberg Georg Simon Ohm, Nürnberg, Germany
6. Dr. Max Dinkelmann, Senior Inhouse Consultant, TRUMPF Laser- und Systemtechnik GmbH
7. Klaus Spindler, Director of Artificial Intelligence, Forvia
8. Felix Georg Müller, CEO and Co-Founder, Plus10 GmbH, Augsburg, Bavaria, Germany
9. Dr. Semir Maslo, Head of Product Management, Big Data in Manufacturing GmbH, Germany
10. Dr.-Ing. Roman Ungern-Sternberg, Team Lead Operational Excellence, Fraunhofer Institute for Manufacturing Engineering and Automation, Stuttgart, Germany
11. Heike Homann, Vice President of Operations Strategy, Airbus Helicopters, Donauwörth, Germany
12. Simon Heck, Manufacturing Engineering Director EMEA, TI Fluid Systems, Rastatt, Germany
13. Dr. Steffen Klarmann, Advanced Development Director Manager, Valeo SA, Wemding, Germany
14. Dr. Luca Gualtieri, Faculty of Engineering, Free University of Bolzano, Senior Researcher at the “Smart Mini Factory Laboratory” (SMF) for Industry 4.0 and at the “Extended Reality Laboratory and Training Center” (XR-lab).

The local team arranges the Daimler (Mercedes Benz) Automotive Factory Plant Tour, Stuttgart, and KUKA Factory Tour. University lab visits are arranged. Augsburg City Tour and Exhibition of Augsburg's Manufacturing Heritage and pioneering research by the AI Production Network (T-Building on Campus) are a great addition.

The IEOM Society is an international professional organization that operates in 151 countries. We are a student-focused organization with 250 student chapters in 55 countries. We are delighted to hold our 7th European Conference in Augsburg, Germany. This is the first conference the IEOM Society has held in Germany. Participation in the conference includes 46 countries from around the world from industry and academia. Students will participate in competitions on Industrial Engineering and Operations Management sponsored by industry. We will introduce and induct our first Student Chapter in Germany at our Award Dinner on Thursday, July 18 at the Maximilian Hotel. The IEOM Society and its Global Council greatly appreciate the support of our conference Chair, Dr. Jürgen Lenz, and the outstanding host team at the Technical University of Applied Sciences Augsburg.

We would also like to thank sponsors, university partners, organization partners, exhibitors, authors, reviewers, keynote speakers, panelists, track chairs, advisors, the committee, and the many volunteers who have given so much of their time and talent to make this unique international conference an overwhelming success.

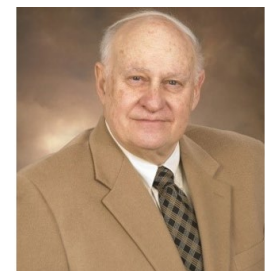
Our very best wishes to all of you for a successful and enjoyable trip to Germany.



**Prof. Dr.-Ing. Jürgen H. Lenz**  
Conference Chair  
Research Professor  
Faculty of Mechanical and Process Engineering  
Technical University of Applied Science Augsburg  
Augsburg, Bavaria, Germany



**Dr. Ahad Ali**  
Conference Co-Chair  
Associate Professor and  
Director of Industrial Engineering Program  
Lawrence Technological University  
Southfield, Michigan, USA  
Executive Director of IEOM



**Prof. Don Reimer**  
Program Chair  
Chief Operating Officer  
IEOM Society International  
Southfield, Michigan, USA