

Welcome to the 5th Asia Pacific Conference on Industrial Engineering and Operations Management in Tokyo, Japan

To All Conference Attendees:

On behalf of the IEOM Society International, we welcome you to the **5th Asia Pacific International Conference on Industrial Engineering and Operations Management**, September 10-12, 2024. The conference host is the Hosei University, Tokyo, Japan. Venue is at Waseda University, Tokyo. 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 280 papers/abstracts submitted from 35 countries. After a thorough peer-review process, more than 200 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 7th European IEOM Conference:

1. Mitsuo Gen, Ph.D., Fuzzy Logic Systems Institute (FLSI): Senior Research Scientist, Tokyo University of Science (TUS), Research Inst. of Sci. & Tech.: Visiting Prof., Field Chief Editor: Frontiers in Industrial Engineering
2. Ilkyeong Moon, Ph.D., P.E., Professor, Former President (2019-2020), Korean Institute of Industrial Engineers (KIIE), Department of Industrial Engineering, Seoul National University, Seoul, South Korea
3. Katsuki Fujisawa, Professor, Ph.D. (Sci.), Professor, Institute of Innovate Research, Digital Twin Unit, Research Unit Leader, School of Computing, Dept. of Mathematical and Computing Science, Tokyo Institute of Technology, Japan
4. Masanobu Matsumaru, Ph.D., Visiting Researcher, Research Institute for Engineering, Kanagawa University, Japan
5. Yuki Kinoshita, Ph.D., Department of Informatics, Faculty of Engineering, Kindai University, Higashiosaka, Osaka, Japan
6. Kenji Watanabe, Professor, Department of Architecture, Civil Engineering and Industrial Management Engineering, Nagoya Institute of Technology, Nagoya, Japan
7. Tomohiro Kojima, Principal of Salesian Polytechnic, Tokyo, Japan
8. Satoru Hommo, Senior Manager, Global Repair Procurement, Global ESD & Repair, Procurement, Olympus Corporation, Tokyo, Japan
9. Andi Cakravastia Arisaputra Raja, Ph.D., Associate Prof. in Industrial Engineering, Institut Teknologi Bandung, Indonesia
10. Karl Hans Greimel, Jr., Asia Editor, Automotive News, Crain Communications Inc., Tokyo, Japan
11. Ashir Ahmed, Ph.D., Associate Professor, Department of Advanced Information Technology, Faculty of Information Science and Electrical Engineering, Kyushu University, Fukuoka, Japan
12. Ziang Liu, Ph.D., Faculty of Environmental, Life, Natural Science and Technology, Okayama University, Okayama, Japan
13. Kenji Amagai, Prof., Dr., Division of Mechanical Science and Technology, Graduate School of Science and Technology, Director, Center for Research on Adoption of NextGen Transportation Systems (CRANTS), Gunma University, Japan
14. Baoding Liu, Ph.D., Professor, Department of Mathematical Sciences, Tsinghua University, Beijing, China

The IEOM Society is an international professional organization that operates in 151 countries with 25,000 members. We are a student-focused organization with 252 student chapters in 55 countries. We are delighted to hold our 5th Asia Pacific International Conference in Tokyo, Japan. This is the first conference the IEOM Society has held in Japan. Participation in the conference includes 35 countries from around the world from industry and academia. Students will participate in competitions on Industrial Engineering and Operations Management sponsored by industry. The IEOM Society and its Global Council greatly appreciate the support of our conference Chair, Dr. Hiroyuki Goto and the organizing committee.

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 Tokyo, Japan.



Dr. Hiroyuki Goto
Conference Chair
Full Professor, Department of Industrial and Systems Engineering, Hosei University, Japan



Dr. Qingfeng Liu
Conference Co-Chair
Full Professor, Department of Industrial and Systems Engineering, Hosei University, Japan



Dr. Kenta Tsukuura
Conference Co-Chair
Assistant Professor, Department of Industrial and Systems Engineering, Hosei University, Japan



Dr. Ahad Ali
Conference Co-Chair
Associate Professor and Director of IE Program
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