



ISMI
International Symposium on
Semiconductor Manufacturing Intelligence



2024 International Symposium on Semiconductor Manufacturing Intelligence

November 29th - 30th, 2024, Taipei, Taiwan

Organized by:

Chinese Institute of Industrial Engineers (CIIE), Taiwan
Department of Industrial Engineering and Management, National Taipei University of Technology

Aims and Scope:

The 2024 International Symposium on Semiconductor Manufacturing Intelligence (ISMI2024) and the 2024 Annual Meeting of Chinese Institute of Industrial Engineers (CIIE 2024) aims to provide a platform to foster the exchange of research developments and latest practice on intelligent manufacturing, circular economy, artificial intelligence, big data analytics, advanced equipment/process/quality control, future fab, digital sustainable supply chain, modeling and decision analysis for semiconductor manufacturing intelligence to address critical research and industrial issues.

Topics of Interests:

Artificial Intelligence	Modeling & Decision Analysis	Circular Economy & Cleaner Production
Big Data Analytics & Data Sciences	Sustainability	Advanced Equipment/ Process/Quality Control
Equipment Real-time Decision	Supply Chain Resilience	Corporate Resource Planning & ERP
Fault Detection and Diagnosis	Evolutionary Algorithms	Digital Sustainable Supply Chain
Virtual Metrology	AMHS & AGV	Manufacturing Strategy and Innovation
Prognostic and Health Management	Simulation Optimization	Semiconductor Ecosystem
e-Manufacturing	Energy Saving & Green Production	Other related topics

Paper submission:

Extended abstract or full manuscript not exceeding 6 pages in IEEE format should be submitted to Prof. Kuo-Yi Lin (kylin@nkust.edu.tw) before **October 15, 2024**, while camera ready manuscript should be submitted before **November 15, 2024**. More detail can consult Program Committee Chairs Prof. Chia-Yu Hsu and Prof. Kuo-Yi Lin.

Special Issue for Post-Conference Publication:

Selected papers will be recommended for review and possible publications in *Journal of Industrial Production Engineering* and other journals.

Important Dates:

Extended Abstract/ Full Paper Submission: **October 15, 2024**
Notice of Acceptance: **October 31, 2024**
Camera Ready Manuscript Submission: **November 15, 2024**

Registration Fee:

Regular registration: **US\$200** / Students: **US\$100**
Registration for oral presentation: On-site (TBC)

Venue:

National Taipei University of Technology (<https://iem.ntut.edu.tw/>). For more details, please feel free to contact Program Committee Chairs Prof. Chia-Yu Hsu (cyhsu@mail.ntust.edu.tw) and Prof. Kuo-Yi Lin (kylin@nkust.edu.tw).

