

ISMI & SMILE 2020

Call for Papers



2020 International Symposium on Semiconductor Manufacturing Intelligence (ISMI2020) & IEEE International Conference on Smart Manufacturing, Industrial & Logistics Engineering (SMILE2020)
June 19 – 21, 2020,
KAIST, Daejeon, South Korea



| Important Dates

April 3	Extended Abstract (up to 2 page) / Full Paper (up to 6 page) Submission Deadline
April 17	Notice of Acceptance
May 15	Camera ready manuscript submission
May 29	Deadline for early registration

| Aims and Topics

The 2020 International Symposium on Semiconductor Manufacturing Intelligence (ISMI2020) and 2020 IEEE International Conference on Smart Manufacturing, Industrial & Logistics Engineering (SMILE2020) will be held jointly at the KAIST main campus in Daejeon, South Korea. The joint conference aims to provide a platform to foster the exchange of research developments and the latest practice on automation science & engineering, operations research, evolutionary algorithms, data mining, manufacturing informatics, and decision analysis for semiconductor and advanced manufacturing intelligence.

| Submission Category Info

Category	Appear In Proceedings?	Best Paper Award Candidate	Best Presentation Award Candidate?
Extended Abstract (up to 2 pages)	Yes	No	Yes
Full Paper Up to 6 pages	Yes	Yes	Yes

| Topics of interests

- Fab Operation and Scheduling
- Wafer Yield Management and Quality Control
- Predictive Maintenance, Quality & Reliability
- Advanced Process Control/ Advanced Equipment Control
- Virtual Metrology, Tool Health, Fault Detection & Classification
- Big Data Analytics & Data Mining for Smart Manufacturing
- Industry 4.0 & Cyber-Physical Systems
- AI & Computational Intelligence for Smart Manufacturing
- Manufacturing Strategy & Manufacturing Innovation
- Modeling and Simulation
- Factory Automation and Automated Material Handling Systems

| General Chairs

General Chair	Tae-Eog Lee, KAIST, South Korea
Honorary Co-Chair	Chen-Fu Chien, National Tsing Hua Univ., Taiwan
Program Chair	Young Jae Jang, KAIST, South Korea
Program Co-chair	James R. Morrison, Central Michigan University, USA

| Venue

KAIST (Korea Advanced Institute of Science and Technology), Daejeon, South Korea KAIST is located in Daedeok Science Park in Daejeon, 150 km south of Seoul and two hours from Incheon International Airport via high speed train (KTX). Daejeon has a population of over 1.3 million citizens.

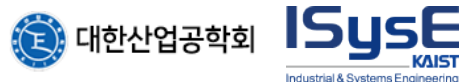
| Organizing Committee

Jinkyu Park, KAIST, South Korea
Hyunjung Kim, KAIST, South Korea
Illhoee Hwang, KAIST, South Korea
TBA

* Please note that this year, the joint ISMI2020 & SMILE2020 is scheduled just before IFORS 2020 Seoul (June, 22 ~ June 25, 2020). You have an opportunity to participate in two conferences in a single visit to Korea this year!

| Sponsors

Korean institute of Industrial Engineering (KIIE)
KAIST, Industrial Systems Engineering



For more information, please visit: <http://ismi-smile2020.org>