

2012 International Symposium on Semiconductor Manufacturing Intelligence (ISMI 2012)

January 06 - 08, 2012

National Tsing Hua University, Hsinchu, Taiwan

Aims and Scope:

The objective of the 2012 International Symposium on Semiconductor Manufacturing Intelligence (ISMI2012) is to provide a platform to foster the exchange of research ideas and results on the latest developments in related fields of intelligent manufacturing, logistics, evolutionary algorithms, data mining, and decision analysis among researchers in various countries, and to seek opportunities for collaboration among the participants.

Topics of Interests Included:

Manufacturing Intelligence & Data Mining	Supply Chain Management	Semiconductor Manufacturing
Advanced Process Control	Advanced Planning System	Manufacturing Strategy
Equipment Real-time Decision	Green Supply Chain	Production Planning
Evolutionary Algorithms	Distribution & Global Logistics	Artificial Neural Network
Modeling & Decision Analysis	Meta-heuristics Methods	Semiconductor Ecosystem
Corporate Resource Planning & ERP	Vehicle Routing & Scheduling	AMHS Routing & Scheduling
Manufacturing Innovation	Shanzhai Manufacturing	Global Manufacturing Network
e-Manufacturing	Cost Innovation	Other related topics

Paper submission:

Extended abstract including main ideas and contributions and/or full manuscript not exceeding 6 pages in single space A4 size paper should be submitted to Dr. Ying-Jen Chen (s9834802@m98.nthu.edu.tw) before **Dec. 1, 2011**, while camera ready manuscript should be submitted before **Dec. 27, 2011**. More details can be found in ISMI2012 web site (<http://das.unison.org.tw/ismi2012/>).

Important Dates:

Extended Abstract/ Full Manuscript Submission: **Dec. 01, 2011**

Notice of Acceptance: **Dec. 15, 2011**

Camera Ready Manuscript Submission: **Dec. 27, 2011**

Registration Fee:

Regular registration: **US\$350**

Students: **US\$200**

The registration fee will cover all conference sessions, an electronic copy of the proceedings, refreshments, the conference banquet, industrial visit and one day tour to Yangmingshan National Park and Hot Spring Resort.

Venue:

The ISME2012 will be held at National Tsing Hua University, Hsinchu, Taiwan (<http://www.nthu.edu.tw/>).

Special Issue for Post-Conference Publication:

Journal of Intelligent Manufacturing (SCI) Special Issue on "Manufacturing Intelligence and Innovation for Operational Excellence" (deadline for manuscript submission: **30 June, 2012**).

Conference Organization

General Chair: Prof. Chen-Fu Chien, National Tsing Hua University, Taiwan (cfchien@mx.nthu.edu.tw)

Co-Chairs:

Prof. Mitsuo Gen, Fuzzy Logic Systems Institute (FLSI), Japan (gen@flsi.or.jp)

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Prof. Yongjiang Shi, University of Cambridge, UK (ys@eng.cam.ac.uk)

Prof. Du-Ming Tsai, National Science Council, Taiwan (iedmtsai@saturn.yzu.edu.tw)

Secretary: Dr. Ying-Jen Chen, National Tsing Hua University, Taiwan (s9834802@m98.nthu.edu.tw)

Hosted by:

Society for Excelling Enterprises and Decisions (SEED), Taiwan

Department of Industrial Engineering and Engineering Management, National Tsing Hua University, Taiwan

Co-Sponsored by:

National Science Council, Taiwan; Chinese Institute of Industrial Engineers (CIIE), Taiwan

Asia Industrial Engineering & Management Society (APIEMS)

Fuzzy Logic Systems Institute (FLSI), Japan

Institute for Manufacturing, University of Cambridge, UK

Yuan Ze University, Taiwan; Soochow University, Taiwan

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