

Schedule

February 7 (Wednesday), 2018					
12:00 – 13:30	Registration (1F, Engineering Building I, NTHU)				
13:30 – 16:30	Industrial Visit -- TSMC				
18:00 – 20:30	Reception (Casa de Socrates Café, NTHU 蘇格貓底，清華大學)				
February 8 (Thursday), 2018					
08:30 – 08:50	Registration (1F, Engineering Building I, NTHU)				
08:50 – 10:30	Best Student Paper Award Finalist (5 papers)				
10:30 – 10:40	Break				
10:40 – 10:50	Opening Ceremony (Rm107)				
10:50 – 11:50	Keynote Speech 1: Smart Manufacturing and Big Data Kusiak, Andrew, The University of Iowa, USA Editor-in-Chief, Journal of Intelligent Manufacturing				
11:50 – 13:20	Lunch				
13:20 – 15:00	Best Paper Award Finalist (4 papers)				
15:00 – 15:05	Break				
15:05 – 15:45	Keynote Speech 2: Optimization of Process Tool Operation for Future Semiconductor Manufacturing Lee, Tae-Eog, Korea Advanced Institute of Science and Technology (KAIST), South Korea President, Korean Institute of Industrial Engineers (KIIE)				
15:45 – 16:25	Keynote speech 3: Some Challenges on Integration of Decisions in Logistics Dauzère-Pérès, Stéphane, École des Mines de Saint-Étienne – Georges Charpak Campus, France				
16:25 – 16:40	Break				
16:40 – 17:20	Keynote speech 4: From Smart Machines to Smart Supply Chains: Some Missing Pieces McGinnis, Leon F., Georgia Institute of Technology, USA				
17:20 – 18:00	Keynote speech 5: Challenges for discrete event and agent based simulation in semiconductor supply chains – an industry view Ehm, Hans, Supply Chain Innovation, Infineon Technologies AG, Germany				
18:30 – 20:00	Welcome Banquet and Awards Ceremony (The Peng's Banquet 新竹彭園會館)				
February 9 (Friday), 2018					
08:40 – 08:50	Registration (1F, Engineering Building I, NTHU)				
08:50 – 10:20	Technical Sessions A				
	A1-Rm107 SMILE Plenary Talk	A2-Rm106 Supply Chain System	A3-Rm108 Dispatching and Scheduling	A4-Rm103 AI, IoT and CPS	A5-Rm104 Smart Manufacturing
10:20 – 10:40	Break				
10:40 – 11:20	Keynote speech 6: Blockchain Technology for Smarter Operations Lee, Gyu M., Department of Industrial Engineering, Pusan National University, South Korea Editor-in-Chief, International Journal of Industrial Engineering: Theory, Applications and Practice				
11:20 – 12:00	Keynote speech 7: Using Multi-Agent Systems for Planning and Control of Semiconductor Supply Chains Mönch, Lars, University of Hagen, Germany				
12:00 – 13:00	Lunch				
13:00 – 14:30	Technical Sessions B				
	B1-Rm107 Equipment Maintenance and Simulation	B2-Rm106 Quality Control	B3-Rm108 Planning and Scheduling	B4-Rm103 Big Data Analysis	B5-Rm104 Optimization and Decision Modeling
14:30 – 14:40	Break				
14:40 – 15:40	Tutorial: Manufacturing and Supply Chain Optimization with Augmented Reality (AR) in Samsung Heavy Industry (SHI) Jang, Young Jae, Korea Advanced Institute of Science and Technology (KAIST), South Korea				
15:40 – 15:55	Break				
15:55 – 16:35	Keynote speech 8: Leading Green to Sustainability Era Tseng, Ming-Lang, Professor, Lunghwa University of Science and Technology, Taiwan				
16:35 – 17:15	Keynote speech 9: Advances in Hybrid Evolutionary Optimization with Learning for Manufacturing Scheduling Gen, Mitsuo, Fuzzy Logic Systems Institute, Japan Editor-in-Chief, Industrial Engineering & Engineering Management				
17:15 – 17:40	Best Presentation Award and Closing Ceremony				
17:40 – 19:10	Farewell Dinner (Smile Café, MXIC Building 旺宏館斯麥爾咖啡館)				