

November 2, 2017	EAWIE
16:00-17:00	Registration (2nd Floor)
17:00-19:00	Welcome Party (315)

November 3, 2017	EAWIE(414)		EAWIE(422)	
9:30-10:30	Huristics			
	Ching-Jung Ting (Yuan Ze University)			
9:30-9:50	Opening Ceremony			
9:50-10:10	EAWIE-01 A Hybrid Genetic Algorithm for Determination of Loading Patterns for Foldable Containers	Yeongjun Kwon, Gwang Kim, Seohyeon Choi, Ilkyeong Moon		
10:10-10:30	EAWIE-02 Ant Colony Optimization Algorithm for the Open Vehicle Routing Problem with Cross-docking	Chi-Yuan Luo, Ching-Jung Ting, Ching Hsiang Wang		
10:40-12:00	Scheduling			
	SuYu Chen (National Chiao Tung University)			
10:40-11:00	EAWIE-03 UAV System in Indoor Environment and Scheduling Algorithm Using Meta-heuristic Approach	Yohanes Khosiawan, Youngsoo Park, Ilkyeong Moon, Janardhanan Mukund Nilakantan, Izabela Nielsen		
11:00-11:20	EAWIE-05 A Multi-trip Location Routing Problem with Depot Replenishment	Kuancheng Huang, SuYu Chen, YeHe Lin		
11:20-11:40	EAWIE-06 Flow Shop Scheduling Problem with Queue Time Constraints Using Combinatorial Benders' Cuts	I-Hsuan Hong , Pin-Kuan Lee		
11:40-12:00	EAWIE-18 Analyzing the Spread and Vaccination Policies of Seasonal Influenza at Taiwan Using Agent-based Simulation	Hao Huang		
13:00-14:00	Reliability		Robotics	
	Myoung Ko(Pohang University of Science and Technology)		Chin-Yin Huang (Tungshai University)	
13:00-13:20	EAWIE-07 Reliability Estimation of Circular k-out-of-n Pairs: G Balanced Systems through System Failure Paths	Alfonso Julanto Endharta, Young Myoung Ko	EAWIE-04 Dispatching Vehicles in a Rail-based Container Terminal	Jeong Hun Seo, Kap Hwan Kim
13:20-13:40	EAWIE-08 Determination of Optimal Maintenance Unit of Multi-level System	Hyun Ae Jang, Jae Yoon Yoo and Won Young Yun	EAWIE-16 A New Class of Sequences without Interferences for Robotized Cluster Tools with Tight Wafer Delay Constraints	Yuchul Lim, Tae-SunYu, Tae-Eog Lee
13:40-14:00	EAWIE-09 Storage Availability with Inspection Error	Qian Qian Zhao, Won Young Yun	EAWIE17 Application Principles for Home Robots	Yen Chao Shih , Wu-Lin Chen , Chin-Yin Huang
14:10-15:10	Logistics			
	Kap Hwan Kim(Pusan National University)			
14:10-14:30	EAWIE-10 A Fuzzy Set-Theoretic Approach to the Multi-Objective Interval Transportation Problem	Makhmudov Muzaffar, Yixuan Wang, Chang Seong Ko		
14:30-14:50	EAWIE-11 Designing a Hub Terminal Layout for a Door-to-Door Delivery Service Company	Jeong Hun Seo, Kang Seo Lee, Sejin Park, Kap Hwan Kim		
14:50-15:10	EAWIE-12 A Humanitarian Logistics Model for Disaster Relief Operation Considering Relief Time and Satisfaction Level of Victims	Kei Kokaji, Yasutaka Kainuma, Yacob Khojasteh		
15:20-16:40	Management			
	Hisashi Kurata (University of Tsukuba)			
15:20-15:40	EAWIE-13 Comparison of Health Care Provision Capacity in Second Medical Area and Improvement of Constituent Areas	Haruka Ohba, Shinya Mizuno, Yoshikazu Fujisawa, Atsuo Kakehi		
15:40-16:00	EAWIE-14 A Record-to-Record Travel Heuristic for the Minimum Latency Problem	Yu-Chuan Hsu, Ching-Jung Ting		
16:00-16:20	EAWIE-15 Product Attribute Design for a Razor and Blades Business Model when a Customer Experiences Feature Fatigue and Price Fairness Concerns	Hisashi Kurata		
16:20-16:40	EAWIE-19 A storage location assignment procedure for a progressive zone picking system with passing	Jeonghwan Kim, Jeongman Lee and Soondo Hong		