CONFERENCE PROGRAMME
The 12th International Conference on Logistics and SCM Systems (ICLS 2017)
BEIJING FRIENDSHIP HOTEL, August 20 – 23, 2017

Day 1, 20 August 2017
15.00 – 20.00 Registration

Day 2, 21 August 2017
07.30 – 09.00 Registration
09.00 – 10.30 Opening Plenary (No.5, Building 8, Beijing Friendship Hotel)
10.30 – 12.00 Keynote Speech
   1. Professor Alan McKinnon, Kühne Logistics University, Germany; former chairman of the World Economic Forum’s industry council on logistics and supply chain management
   2. Mr. He Liming, Chairman of China Federation of Logistics and Purchasing (CFLP); Chairman of International Federation of Purchasing and Supply Management (IFPSM)
12.00 – 13.30 Lunch break, IFLS Board Meeting (No.4, Building 8, Beijing Friendship Hotel)
13.30 – 15.00 Parallel Sessions
15.00 – 15.30 Tea/Coffee Break
15.30 – 17.00 Parallel Sessions
18.00 – 20.00 Welcome Dinner

Day 3, 22 August 2017
08.30 – 10.00 Parallel Sessions
10.00 – 10.30 Tea/Coffee Break
10.30 – 12.00 Parallel Sessions
12.00 – 13.30 Lunch break
13.30 – 15.00 Parallel Sessions
15.00 – 15.30 Tea/Coffee Break
15.30 – 17.00 Parallel Sessions
18.00 – 21.00 Conference Banquet

Day 4, 23 August 2017
One day tour (Industrial visiting, Great Wall, APEC site etc.).
1) The cost will be 155 CNY per person (including transport, lunch and dinner).
2) The bus departs from Beijing Friendship Hotel at 6.30 and returns to the hotel after dinner in Huairou.

Please note that changes may occur due to unforeseen circumstances. See the ICLS2017 website (www.icls2017.org) for the most up-to-date programme.
ICLS2017 SESSION SCHEDULE

21 AUGUST 2017 (DAY 2), PARALLEL SESSIONS

No.2, Building 8
Green SCM and firm performance
Chair: Ilias Vlachos
Green supply chain management practices in China: a strategic orientation perspective
Authors: Shumin Liu, Zhibin Lin and Qile He
13.30

Green supply chain management performance measurement of steel manufacturing in Indonesia
Authors: Achmad Bahauddin, Vincent F. Yu, Ratna Ekawati, Prasasti Dyah Pratiktingrum
14.00

The impact of green supply chain management practices on competition advantages and firm performance
Authors: Xiaojing Jia, Meng Wang
14.30

15.00
No.2, Building 8
Sustainability of supply chain
Chair: Fu Jia
A study on using LARG (lean, agile, resilient and green) index to assess the sustainability of Egyptian FMCGs Supply Chains
Authors: Sara Elzarka
15.30

Exploring innovation and sustainability in potato supply chains
Authors: Gyan Prakash
16.00

The agri-food supply chain in tourism and hospitality: Eco-innovation strategy for a small farmer
Authors: Wei-Shuo Lo, Shu-Fen Hsu
16.30

17.00
No.3, Building 8
Green logistics: Vehicle routing
Chair: Vincent F. Yu
Multiple-trip vehicle routing with physical workload
Authors: Tarit Rattanamanee, Suebsak Nanthavanij
13.30

Solving the open vehicle routing problem with time windows using the multi-start simulated annealing heuristic
Authors: Puripat Sriputthimeth, Vincent F. Yu, Parida Jewpanya, A. A. N. Perwira Redi
14.00

A multi-objective model for location-allocation problem with environmental considerations
Authors: R. M. M. N. Ratnayake, Voratas Kachitvichyanukul, Huynh Trung Luong
14.30

15.00
No.3, Building 8
Supply chain risk management
Chair: Kin Keung Lai
A study on SCM and opportunity loss in department store in Japan
Authors: Yoshihide Ikushima, Yutaka Karasawa, Keizo Wakabayashi
15.30

Combined forecasting method based on water resources risk management
Authors: Hai Shen, Kin Keung Lai, Si Yun Jiang
16.00

Supply chain disruption modeling and performance evaluation based on Petri Nets
Authors: Li Zhang, Nai-Chien Wei
16.30

17.00
No.4, Building 8
Green logistics and environment
Chair: Alan McKinnon
Development of green logistics in sustainable smart city
Authors: Danai Galassi, Vithaya Suharitdamrong
13.30

Pro-environment and uncertainty: antecedents and consequences of attitude uncertainty
Authors: Cheng Qian, Kangkang Yu, Jian Gao
14.00

An analysis of vehicle-related PM2.5 emissions
Authors: Hui Wang, Xiaohong Liu
14.30

15.00
No.4, Building 8
Supply chain and CSR
Chair: Qile He
Exploring supply chains and corporate social responsibility: trends and directions for future research
Authors: Tienhua Wu, Yenming J. Chen
15.30

Managing knowledge in supply chains: Catalyst to the triple bottom line in supply chains
Authors: Qile He, David Gallear, Abby Ghobadian, Ramakrishnan Ramanathan
16.00

The impact of corporate social responsibility on corporate reputation: A literature review
Authors: Salma Elzarka, Sara Elzarka
16.30

TEA/COFFEE BREAK

2
Carbon management of logistics/supply chains  
Chair: Voratas Kachitvichyanukul  
8.30  
Carbon-efficient deployment of electricity-powered gantry cranes in container terminals  
Authors: Dong Li, Dayong Yu  
An evolutionary game analysis of collaborative CO2 emission reduction in supply chains  
Authors: Bangdong Zhi, Xiaohong Liu, Junlin Chen  
A model for designing sustainable supply chain network under disruption risks and carbon tax charges  
Authors: Atiya Al-Zuheri, Ilias Vlachos  

9.00  
A basic research for delivery price yardsticks for the 3PL Industry  
Authors: Angela Yy Chen, Yutaka Karasawa  
An empirical study on the role of the LSPs’ employees’ engagement in adopting green logistics practices  
Author: Sara Elzarka  
A study on the core competencies of marine surveyors in Taiwan  
Authors: Taih-Cherng Lin, Yi-Hsin Lin

9.30  
A model for designing sustainable supply chain network under disruption risks and carbon tax charges  
Authors: Atiya Al-Zuheri, Ilias Vlachos  

10.00  
Green supply chain planning: scheduling and logistic optimization  
Chair: Kanchana Sethanan  
A simulated annealing heuristic for two-echelon location routing problem  
Authors: Winarno, Vincent F. Yu, A. A. N. Perwira Redi  
Snow removal resource location and allocation optimization for urban road network recovery: a resilience perspective  
Authors: Jing Wang, Haotian Liu  
Logistics network design for rice distribution in Sulawesi, Indonesia  
Authors: R. Hanafi, M. Rusman, M. Goh, R. de Souza

10.30  
Optimal parts replacement model for tariff reduction in free trade agreement  
Author: Tony Suk-Chul Rim  
A multi-objective model for integrated planning of selective harvesting and post-harvest operations  
Authors: Thanaphorn Sornprom, Voratas Kachitvichyanukul, Huynh Trung Luong  
Fresh agriculture products cold chain optimization benefits  
Authors: Zilin Wu, Huajun Tang

11.00  
Green supply chain modeling and optimization  
Chair: Tony Suk-Chul Rim  
Development of entrepreneurship and lean startup program for educational institutions in Thailand  
Authors: Siripong Junghawan, Vithaya Suhanitdamrong, Chavayot Pomcum, Natnawat Jiwattanakul  
The influence of dominant factor which affect the enterprise’s GSCM in the Bayesian Networks  
Authors: Ying Wang, Guoji, Liu  
Supplier interaction, innovation ambidexterity and performance: the role of governance mechanisms of small and medium-sized firms  
Authors: Yu Wang, Jin-Liang Chen, Tao Jia

12.00  
LUNCH BREAK
No. 2, Building 8
Green supply chain planning: location and allocation
Chair: Kuninori Suzuki

Efficiency of crew assignment in truck freight operation from the view of logistics
Authors: Kuninori Suzuki, Keizo Wakabayashi, Akihiro Watanabe

A multi-product multi-facility closed-loop supply chain location and allocation problem in electronic industry
Authors: Yanfang Ma, Xiaoyu, Wang

Solving vehicle routing problem for maintaining and repairing medical equipment using differential evolution Study case: Ubon Ratchathani Public Health Office
Authors: Rapeepan Pitakaso, Peerawat Chokanat, Kanokwan Supakdee

13.30

No. 3, Building 8
Sustainability of supply chain
Chair: Mark Goh

A systematic literature review on sustainability and disruptions in supply chains
Authors: Ilias Vlachos, Luisa Huaccho Huatuco, Guljana Shakirullah, Adriana Atkinson

Sustainable supply chain management practices, food safety assurance and sustainable performance: An empirical study in China
Authors: Jing Wang, Huili Yue

Manufacturers' competition and cooperation in sustainability: Stable recycling alliances
Authors: Fang Tian, Greys Sosic, Laurens Debo

14.00

No. 4, Building 8
Green logistics: scheduling and routing
Chair: Voratas Kachitvichyanukul

Branch-and-bound based heuristic scheduling for the single-hoist and multiple-products production system
Authors: Shiegheun Koh, Hyuckmoo Kwon, Pyunghoi Koo

Simulated annealing heuristic for the vehicle routing problem with multiple cross-docks
Authors: Parida Jewpanya, Vincent F. Yu, A. A. N. Perwira Redi

A fuzzy bi-objective model for maintenance scheduling of offshore wind turbines
Authors: Shuya Zhong, Athanasios A. Pantelous, Mark Goh, Jian Zhou

14.30

TEA/COFFEE BREAK

No. 2, Building 8
Digital technology and sustainable SCM
Chair: Yen-Chun Wu

The framework of lean digital supply chain transformation case of educational institutions in Thailand
Authors: Siripong Junghawan, Vithaya Suharitdamrong, Thanaphon Chearanai

Utilization of big data for defect excursion prevention and quality cost optimization in supply chain
Authors: Pasu Kesmankit, Vithaya Suharitdamrong

Demand management of smart factory
Authors: Sukkhet Wanggit, Vithaya Suharitdamrong

15.00

15.30

TEA/COFFEE BREAK