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

Day 1, 20 August 2017
08.00 – 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 Asia-Pacific Logistics Federation (APLF)
12.00 – 13.30 Lunch break, IFLS Board Meeting (No.2, 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 2, 21 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 3, 22 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.

Day 4, 23 August 2017
Please note that changes may occur due to unforeseen circumstances. See the ICLS2017 website (www.icls2017.org) for the most up-to-date programme.
Dated: 17/07/2017.
21 AUGUST 2017 (DAY 2), PARALLEL SESSIONS

13.30
No.2, Building 8
Sustainability of supply chain
Chair: Ilias Vlachos
A study on using LARG (lean, agile, resilient and green) index to assess the sustainability of Egyptian FMCGs Supply Chains
Authors: Sara Elzarka

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

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

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

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

15.00
No.2, Building 8
Innovation and green SCM
Chair: Taih-Cherng Lirn
Development of entrepreneurship and lean startup program for educational institutions in Thailand
Authors: Siripong Junghawan, Vithaya Suharitdamrong, Chavayot Pomcum, Natnawat Jiwattanakul

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 Ikuishima, Yutaka Karasawa, Keizo Wakabayashi

No.4, Building 8
Supply chain and CSR
Chair: Qile He
Managing knowledge in supply chains: Catalyst to the triple bottom line in supply chains
Authors: Qile He, David Gallear, Abby Ghobadian, Ramakrishnan Ramanathan

TEA/COFFEE BREAK

15.30
No.2, Building 8
Development of entrepreneurship and lean startup program for educational institutions in Thailand
Authors: Siripong Junghawan, Vithaya Suharitdamrong, Chavayot Pomcum, Natnawat Jiwattanakul

No.3, Building 8
Combined forecasting method based on water resources risk management
Authors: Hai Shen, Kin Keung Lai, Si Yun Jiang

No.4, Building 8
Supply chain disruption modeling and performance evaluation based on petri Nets
Authors: Li Zhang, Nai-Chien Wei

TEA/COFFEE BREAK
22 AUGUST 2017 (DAY 3), PARALLEL SESSIONS

8.30
No. 2, Building 8
Carbon management of logistics/supply chains
Chair: Voratas Kachitvichyanukul
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

No. 3, Building 8
3PL and Green logistics
Chair: Yutaka Karasawa
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

No. 4, Building 8
Green supply chain modeling and optimization
Chair: Tony Suk-Chul Rim
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, and Huynh Trung Luong
Fresh agriculture products cold chain optimization benefits
Authors: Zilin Wu, Huajun Tang

10.00
TEA/COFFEE BREAK

10.30
No. 2, Building 8
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

No. 3, Building 8
Green operations
Chair: Kune-Muh Tsai
Applying concept mapping to explore the risks of temperature disconformity in cold chain logistics
Authors: Mei-Hui Chen, Kune-Muh Tsai, Wei-Chen Chen, Yen-Chun Wu
Decreasing uncertainty in the aquaculture supply chain through value chain re-engineering. An action project
Authors: Ilias Vlachos, George Malindretos
Success ERP implementation project in Thailand in socio-technical perspective
Authors: Somkiet Tangcharoenkijkul, Vithaya Suharitdamrong

No. 4, Building 8
Green SCM and firm performance
Chair: Xiaohong Liu
Green supply chain management practices in China: a strategic orientation perspective
Authors: Shumin Liu, Zhibin Lin and Qile He
Green supply chain management performance measurement of steel manufacturing in Indonesia
Authors: Achmad Bahauddin, Vincent F. Yu, Ratna Ekawati and Prasasti Dyah Pratiktanirum
The impact of green supply chain management practices on competition advantages and firm performance
Authors: Meng Wang and Xiaojing Jia

12.00
LUNCH BREAK

-13.30
<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Session Title</th>
<th>Chair</th>
<th>Authors</th>
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<tbody>
<tr>
<td>10.30</td>
<td>No.2, Building 8</td>
<td>Green supply chain planning: location and allocation</td>
<td>Kuninori Suzuki</td>
<td>Efficiency of crew assignment in truck freight operation from the view of logistics Authors: Kuninori Suzuki, Keizo Wakabayashi, Akihiro Watanabe</td>
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<tr>
<td>13.30</td>
<td>No.3, Building 8</td>
<td>Sustainability of supply chain</td>
<td>Mark Goh</td>
<td>A systematic literature review on sustainability and disruptions in supply chains Authors: Ilias Vlachos, Luisa Huaccho Huatuco, Guljana Shakirullah, Adriana Atkinson</td>
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<td>Sustainable supply chain management practices, food safety assurance and sustainable performance: An empirical study in China Authors: Jing Wang and Huili Yue</td>
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<td>Manufacturers’ competition and cooperation in sustainability: Stable recycling alliances Authors: Fang Tian, Greys Sosic, Laurens Debo</td>
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<td>No.2, Building 8</td>
<td>Digital technology and sustainable SCM</td>
<td>Yen-Chun Wu</td>
<td>The framework of lean digital supply chain transformation case of educational institutions in Thailand Authors: Siripong Junghawan, Vithaya Suwaritdamrong, Thanaphon Chearanai</td>
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<td>Utilization of big data for defect excursion prevention and quality cost optimization in supply chain Authors: Pasu Kesmankit, Vithaya Suwaritdamrong</td>
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<td>Demand management of smart factory Authors: Sukkhet Wanggit, Vithaya Suwaritdamrong</td>
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<td>15.00</td>
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<td>17.00</td>
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<td>No.4, Building 8</td>
<td>Green logistics: scheduling and routing</td>
<td>Voratas Kachitvichyanukul</td>
<td>Branch-and-bound based heuristic scheduling for the single-hoist and multiple-products production system Authors: Shiegheun Koh, Hyuckmoo Kwon, Pyunghoi Koo</td>
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<td>Simulated annealing heuristic for the vehicle routing problem with multiple cross-docks Authors: Parida Jewpanya, Vincent F. Yu, A. A. N. Perwira Redi</td>
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<td>A fuzzy bi-objective model for maintenance scheduling of offshore wind turbines Authors: Shuya Zhong, Athanasios A. Pantelous, Mark Goh, Jian Zhou</td>
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**TEA/COFFEE BREAK**