The 17th International Conference of Hong Kong Society for Transportation Studies (HKSTS) was successfully held from 15-17 December 2012 at InterContinental Grand Stanford Hong Kong. The Conference was jointly organized by HKSTS and the Department of Civil & Environmental Engineering and Department of Industrial Engineering & Logistics Management of the Hong Kong University of Science & Technology, with generous financial sponsorship from the Kerry Logistics. The Chartered Institute of Logistics and Transport in Hong Kong (CILTHK), The Hong Kong Institution of Engineers (HKIE) – Civil Division, the Eastern Asia Society for Transport Studies (EASTS) and Ocean Park Hong Kong were the non-financial sponsors of the Conference.

The theme of this year’s Conference was “Transportation & Logistics Management”, which covers a wide array of topics including (but not limited to) logistics & supply chain management, transportation planning, operations & management, travel behavior, transportation & land use, sustainable transportation, transportation engineering & project analysis, and others. Hong Kong is a major transportation and logistics hub of the Asia-Pacific region. With the increasing integration of the economies of the Pearl River Delta and Southeast Asia, and increasing global market competition, advanced methods in operations research, management science, economics and statistics are needed for modeling the dynamics of complex large-scale multimodal transportation systems.

The Conference was a great success. It has received an overwhelming response with more than 250 submissions, covering a wide range of topics, on the design, analysis, planning, operation, engineering, co-ordination and management of transportation systems and their impacts. After the review process, about 140 papers are accepted for presentation at the conference. Paper contributors come from all over the world, including 35 countries or regions, Albania, Australia, Bahrain, Bangladesh, Belgium, Brazil, Canada, Chile, mainland China, France, Germany, Greece, Hong Kong, India, Indonesia, Iran, Japan, Korea, Luxembourg, Malaysia, Netherlands, New Zealand, Norway, Palestine, Saudi Arabia, Singapore, South Africa, Spain, Sweden, Taiwan, Thailand, Togo, Turkey, United Kingdom, and United States. This is as international as any conference can get, including contributions from all continents.

This year, we are honored to have Mr. Shing-Mu Yau, Under Secretary for Transport and Housing, The Government of the Hong Kong Special Administrative Region, with us delivering a Keynote Address. In the speech, Mr. Yau shared his insights on the latest development of the logistics and transportation sectors of Hong Kong, from the aspects of infrastructure development, governmental policies and private sector activities. We are also very fortunate to have seven internationally renowned scholars delivering plenary speeches:

- **Prof. Jong-Shi PANG**, Department of Industrial and Enterprise Systems Engineering, University of Illinois at Urbana-Champaign: “Continuous-Time Dynamic Traffic Equilibrium Problems via Differential Complementarity Systems”
- **Prof. Zuo-Jun Max SHEN**, Department of Industrial Engineering & Operations Research, University of California at Berkeley: “Infrastructure Planning for Electric Vehicles with Battery Swapping”
- **Prof. Travis WALLER**, School of Civil and Environmental Engineering, University of New South Wales: “A Static Model for Predicting Disrupted Network Behaviour”
- **Prof. Michael BELL**, Institute of Transport and Logistics, The University of Sydney: “Container Assignment Models”
- **Prof. Enrique CASTILLO**, Department of Applied Mathematics, University of Cantabria: “The Observability Problem in Traffic Networks - Optimal Location of Counting and Scanning Devices”
To foster excellence in transportation research and practice of students, our Society has established the HKSTS Outstanding Student Paper Award. We are very fortunate in this year to have 3 distinguished scholars as the judges for this award:

- **Prof. Enrique CASTILLO**, Department of Applied Mathematics, University of Cantabria.
- **Prof. Hai YANG**, Department of Civil and Environmental Engineering, The Hong Kong University of Science & Technology.
- **Prof. Travis WALLER**, School of Civil and Environmental Engineering, University of New South Wales.

The winning paper was “A Bayesian Inference Approach to the Development of a Multidirectional Pedestrian Stream Model” by Siqi Xie of the University of Hong Kong. The first runner-up paper was “Bayesian Inference of Passengers’ Path Choices with Incomplete Data – An Application for London Underground with Oyster Card Data” by Qian Fu of the University of Leeds. The second runner-up paper was “Effective Measures to Combat Drink-Driving Offences: An Attitudinal Model in Hong Kong” by Joey Y.C. Li of the University of Hong Kong. Our Society has also established the HKSTS Outstanding Dissertation Paper Award which includes the Gordon Newell Memorial Prize of HK$10,000. The winner this year was Dr. Renxin Zhong of the Hong Kong Polytechnic University, with the winning paper entitled “Optimal and Robust Strategies for Traffic Management under Demand and Supply Uncertainties: An Overview and General Theory”.

In the past 17 years, the HKSTS annual conference has become stronger and grown in size and scope, to become one of the leading regional conferences in transportation. The 18th International Conference of the Hong Kong Society for Transportation Studies to be held on 14-16 December 2013 will be jointly organized by HKSTS and the Department of Geography and the Institute of Transport Studies at The University of Hong Kong. For more information on the conference and other HKSTS activities, please visit the HKSTS website at: http://home.netvigator.com/~hksts/conf.htm.

Board members of the HKSTS and the guests
Welcome address by Professor Joseph H.W. Lee, Vice President for Research & Graduate Studies,
The Hong Kong University of Science & Technology

Opening address by Professor William H.K. Lam, President of HKSTS

Opening address by Professor Hong K. Lo, Chairman of the Organizing Committee
Keynote address by Mr. Shing-Mu Yau, Under Secretary for Transport & Housing, Hong Kong SAR Government

Plenary presentation by Professor Jong-Shi Pang, University of Illinois at Urbana Champaign

Plenary presentation by Professor Zuo-Jun Max Shen, University of California at Berkeley
Plenary presentation by Professor Travis Waller, University of New South Wales

Plenary presentation by Professor Mike Bell, The University of Sydney

Plenary presentation by Professor Enrique Castillo, University of Cantabria
Plenary presentation by Professor Mike Maher, The University of Leeds

Plenary presentation by Dr. Renxin Zhong, The Hong Kong Polytechnic University

Professor William Lam (left) presented the HKSTS Outstanding Dissertation Paper Award to the winner, Dr. Renxin Zhong (right)
Closing address by Dr. Ho-Yin Mak, Co-Chairman of the Organizing Committee

Professor William Lam (left) presented the HKSTS Outstanding Student Paper Award to the winner, Miss Siqi Xie (right)

Conference Banquet