

Jointly organized by:



Hong Kong Society for Transportation Studies



Department of Civil and Environmental Engineering,
The Hong Kong Polytechnic University

Report on
The 22nd International Conference of Hong Kong Society for Transportation Studies
Transport and Society
9th – 11th December 2017
<http://www.hksts.org/conf17.htm>



Board members of the HKSTS and guests

The 22nd International Conference of Hong Kong Society for Transportation Studies (HKSTS) was successfully held from 9th to 11th December 2017 at the InterContinental Grand Stanford Hong Kong. The conference was jointly organized by the HKSTS and Department of Civil and Environmental Engineering of the Hong Kong Polytechnic University, with generous financial sponsorship from Autotoll Limited, Cathay Pacific, Excel Asphalt Limited, The Hong Kong Polytechnic University – Faculty of Construction and Environment, and Volvo Bus Corporation. Eastern Asia Society for Transportation Studies, The Chartered Institute of Logistics and Transport in Hong Kong, and The Hong Kong Institution of Engineers – Logistics and Transportation Division (HKIE) were the non-financial sponsors of the conference. In the morning of 9th December 2017, the conference was honoured to have Prof. William H.K. LAM and Prof. K.Y. WONG to deliver the welcome speeches.



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



*Opening address by Professor K.Y. Wong,
Associate Vice President (Research Support) of The Hong Kong Polytechnic University*



Professor William LAM (right) presented the Souvenir to Mr. Don CHAN, representative of Autotoll Limited (left)



Professor William LAM (right) presented the Souvenir to Mr. Fox MAN, representative of Excel Asphalt Limited (left)



Professor William LAM (right) presented the Souvenir to Ms. Julia LU, representative of Volvo Bus Corporation (left)

This year, Mr. Daniel Kum-Wah CHEUNG, JP, Director of Highways, Highways Department, Government of the Hong Kong Special Administrative Region delivered a Keynote Address entitled “Transport Infrastructure for Society”.



Mr. Daniel Kum-Wah CHEUNG, JP, Director of Highways, Highways Department, Government of the Hong Kong Special Administrative Region

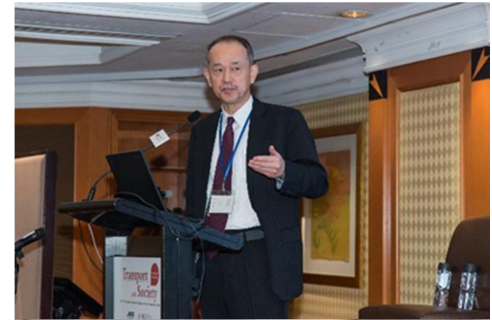
The theme of this year’s conference is “Transport and Society”, which covers topics related to Air & Maritime Transport, Travel Behaviour, Transport Safety, Logistics and Operations Management, Network Modelling, Transport and Big Data, Transit Scheduling, Traffic Flow Theory, Taxi and Public Transport, Transport and Society, Transport Infrastructure, Public Transport, Land Use and Transport, Transport and Environment, Logistics and Operations Management. The conference offers an excellent platform to elevate the insights on the design, analysis, planning, operation, co-ordination and management of transportation projects together with their impacts.

Six internationally renowned scholars delivered plenary speeches. They were:

- **Professor Richard ALLSOP**, University College London, UK. “Vision and Realism in the Safe System Approach to Reducing Risk in Society from Use of the Roads”



- **Professor Tetsuo YAI**, Tokyo Institute of Technology, Japan. “Ensuring Acceleration for Sustainable Transport and Society”
- **Professor Yu (Marco) NIE**, Northwestern University, USA. “Why does Proportionality Matter in Traffic Assignment and How to Achieve It?”
- **Professor Mark HICKHAM**, The University of Queensland, Australia. “Are Transit Assignment Models Still Useful?”
- **Professor Haijun HUANG**, Beijing University of Aeronautics and Astronautics, China. “Transportation Related Scientific Problems in Developing China’s City Agglomeration”
- **Dr. James WANG**, City University of Hong Kong, China. “Port-City Interplays at the End of Infrastructure-Led Development in China: A Multi-Scalar Perspective”



The conference has drawn nearly 290 submissions from researchers across five continents. After a vigorous review process, over 150 papers were accepted for presentation at the conference covering the full spectrum of research topics. It attracted over 240 participants from all over the world, including Australia, Canada, China, Denmark, France, Germany, Hong Kong, India, Israel, Japan, the Netherlands, New Zealand, Singapore, South Korea, Sweden, Taiwan, Thailand, United Kingdom, and the United States of America. The annual conference of HKSTS becomes an international event for exchanging and archiving knowledge on the development of advanced transportation research.

To foster excellence in transportation research and practice of students, our Society has established the HKSTS Outstanding Student Paper Award. The winning paper was “Replacing LPG Taxis with Battery Electric Vehicles in Hong Kong – A Bi-Level Modelling Approach of Owners and Drivers” by Mr. W.H. YANG of the University of Hong Kong. There was a first runner-up paper and a second runner-up this year: “Error Distribution Assumptions in Random Regret Choice Models: Towards Error Components Frechit Specifications” and “Urban Intermodal Passenger Transport Systems”, by Mr. Sunghoon JANG of Eindhoven University of Technology and Mr. Boris Yim of Tsinghua University.



Professor William H.K. LAM (right) presented the HKSTS Outstanding Student Paper Award to the winner, Mr. W.H. YANG (left)

In the past 22 years, the HKSTS annual conference has become stronger and grown in size and scope, and become one of the leading regional conferences in transportation. The 23rd International Conference of the Hong Kong Society for Transportation Studies to be held on 8th – 10th December 2018 will be jointly organized by HKSTS and Department of Electrical Engineering and Department of Logistics & Maritime Studies, The Hong Kong Polytechnic University. More information on the conference can be found at the HKSTS website at: <http://www.hksts.org/conf.htm>.



Participants of the conference



Participants of Social Tour at Stanley on 10th December 2017 (Sun)

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