

*Jointly organized by:*



Hong Kong Society for Transportation Studies



Department of Civil and Environmental Engineering

**Report on**  
**The 19th International Conference of Hong Kong Society for Transportation Studies**  
**Transportation and Infrastructure**  
**13-15 December 2014**  
<http://www.hksts.org/conf14.htm>



*Board members of the HKSTS and guests*

The 19<sup>th</sup> International Conference of Hong Kong Society for Transportation Studies (HKSTS) was successfully held from 13-15 December 2014 at the InterContinental Grand Stanford Hong Kong. The conference was jointly organized by the HKSTS and the Department of Civil and Environmental Engineering of The Hong Kong Polytechnic University (PolyU), with generous financial sponsorship from the Autotoll Limited and the Faculty of Construction and Environment, PolyU. The Chartered Institute of Logistics and Transport in Hong Kong (CILTHK), The Hong Kong Institution of Engineers (HKIE) – Logistics and Transportation Division and the Eastern Asia Society for Transportation Studies (EASTS) were the non-financial sponsors of the conference. In the morning of 13 December 2014, the conference was honoured to have Prof. William H.K. LAM and Dr. Z. LENG to deliver the welcome speeches.



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



*Opening address by Dr. Z. LENG, Chairman of the 19<sup>th</sup> HKSTS Conference*



*Dr. Z. LENG (right) presented the Souvenir to Ms. Kate LAW, representative of Autotoll Limited (left)*

This year, Mrs. YEUNG HO Poi Yan, Ingrid, JP, Commissioner for Transport, The Government of the Hong Kong Special Administrative Region delivered a Keynote Address entitled “Road Traffic Congestion in Hong Kong”.



*Keynote address by Mrs. YEUNG HO Poi Yan, Ingrid, JP, Commissioner for Transport, Transport Department, The Government of the Hong Kong Special Administrative Region*

The theme of this year’s conference is “Transportation and Infrastructure” which covers topics related to both software and hardware of a sustainable transportation system: Transportation Infrastructure and Built Environment; Sustainability Issues in Transportation; Transportation Surveys; Travel Behavior Modelling; Technology, Transportation and Telecommunications; Logistics and Supply Chain Management; Transport Dynamics; and Transport Management. The conference offers an excellent platform to elevate the insights on the design, analysis, planning, operation, co-ordination and management of transport infrastructure projects together with their impacts.

Six internationally renowned scholars delivered plenary speeches. They were:

- **Professor Imad L. AL-QADI**, University of Illinois at Urbana-Champaign (UIUC), U.S.A. on “Toward Renewable Transportation Systems And Sustainable Pavements”



- **Professor Kay AXHAUSEN**, Institute of Transport Planning and Systems, Swiss Federal Institute of Technology Zurich, Switzerland on “Recent Work on Continuous Modelling of Activity Generation?”



- **Professor T.F. FWA**, Department of Civil and Environmental Engineering, National University of Singapore, Singapore on “Design and Construction of Environmentally Sustainable Pavements”



- **Professor Se-il MUN**, Graduate School of Economics, Kyoto University, Japan on “Measuring the Value of Time in Freight Transportation”



- **Dr. Yanfeng OUYANG**, Department of Civil and Environmental Engineering, University of Illinois at Urbana-Champaign, U.S.A. on “Joint planning of Freight Facility Location and Pavement Infrastructure Rehabilitation under Network Traffic Equilibrium”





- **Professor S.C. (Chan) WIRASINGHE**, Department of Civil Engineering, Schulich School of Engineering, University of Calgary, Canada on “Insights From Analytical Models of Urban Public Transit Systems”



The conference has marked another success in the HKSTS’s history. It has drawn over 240 submissions from researchers across five continents. After a vigorous review process, over 130 papers were accepted for presentation at the conference covering the full spectrum of research topics. It attracted over 220 participants from all over the world, including Australia, Bangladesh, Belgium, Canada, China, Finland, France, Germany, Hong Kong, Hungary, India, Japan, Libyan Arab Jamahiriya, New Zealand, Singapore, South Korea, Sweden, Switzerland, Taiwan, The Netherlands, U.K. and U.S.A. 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 “Excessive Noise Paradox in Urban Transportation Networks” by Ms. Yi WANG of The University of Hong Kong. There was one first runner-up paper this year: “A Level-of-Service Standard for Urban Taxi Customers” by Dr. R.C.P. WONG of The University of Hong Kong.



*Professor William H.K. LAM (right) presented the HKSTS Outstanding Student Paper Award to the winner, Ms. Yi WANG (left)*

In the past 19 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 20th International Conference of the Hong Kong Society for Transportation Studies to be held on 12-14 December 2015 will be jointly organized by HKSTS and Big Data Decision Analytics Research Centre, Department of Geography and Resource Management, Department of Systems Engineering and Engineering Management, The Chinese University of Hong Kong. More information on the conference can be found at the HKSTS website at: <http://home.netvigator.com/~hksts/conf.htm>.



*Participants of the conference*



*Participants of Social Tour in Hong Kong Wetland Park  
on 14 December 2014 (Sun.)*



*Participants of conference banquet on  
15 December 2014 (Mon.) evening*

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