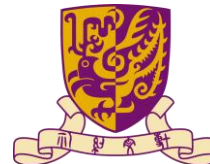


Jointly organized by:



Department of Systems Engineering and Engineering Management
Department of Geography and Resource Management
Stanley Ho Big Data Decision Analytics Research Centre
The Chinese University of Hong Kong

Report on
The 20th International Conference of Hong Kong Society for Transportation Studies
Urban Transport Analytics
12-14 December 2015
<http://www.hksts.org/conf15.htm>

2015 marks the 20th anniversary of the HKSTS conferences. From the first one-day conference in 1996 with only 25 papers presented, the HKSTS conference series has grown in size, scope and stature over the past 2 decades. This year's 20th Anniversary Conference, co-hosted with the Chinese University of Hong Kong, attracted over 230 submissions from researchers and practitioners across the globe. The financial sponsorship from Autotoll Limited, the Airport Authority, Kwoon Chung Bus Holdings and the Systems Engineering and Engineering Management Department of CUHK, and the support of our non-financial sponsors --- the Chartered Institute of Logistics and Transport in Hong Kong (CILTHK), the Hong Kong Institution of Engineers (HKIE) and the Eastern Asia Society for Transportation Studies (EASTS) are gratefully acknowledged.

With a theme of "Urban Transport Analytics", this year's conference features 138 presentations on issues related to urban transport and infrastructure, use of GPS and other "big data", models for real-time analytics and operations, as well as topics across the full spectrum of research in transportation studies.

Mr. K.K. Ling, JP, Director of Planning of the HKSAR Government, the Keynote Speaker of the conference, gave an in-depth presentation on "*Hong Kong's Emerging Western Development Corridor*".



Mr. K.K. Ling giving the Keynote Speech

The conference also featured five plenary talks by distinguished researchers:

Prof. Gang-len Chang (U. of Maryland), who spoke on “*Arterial Signal Progression: From MAXIBAND to MULTIBAND*”,



Prof. Gang-len Chang speaking with students at the conference

Prof. J.D. Hunt (U. of Calgary), who spoke on “*Experiences In Practical Spatial Economic Modelling Using The PECAS Framework*”,



Prof. Janny Leung presenting a souvenir to Prof. J.D. Hunt

Prof. Eric Miller (U. of Toronto), who spoke on “*Agent-Based Activity/Travel Microsimulation: What’s Next?*”,



Plenary Speaker Prof. Eric Miller

Prof. Pitu Mirchandani (Arizona State U.), who spoke on “*Routing, Logistics and Management of Recharging Infrastructure for Electric Vehicles*”,



Plenary speaker Prof. Pitu Mirchandani

and Prof. Wing-tat Hung (PolyU), who spoke on “*Exploration Of Vehicular Exhaust And Noise Emissions*”.



Plenary speaker Prof. Wing-Tat Hung

At the conference, the 2015 Gordon Newell Memorial Prize (Outstanding Dissertation Paper Award) was awarded to Dr. Ryan C.P. WONG of the University of Hong Kong for his paper “*Modelling multi-period customer-searching behaviour of taxi drivers*”.



Prof. William Lam presenting the Outstanding Dissertation Paper Award to Dr. Ryan C.P. Wong

The 2015 HKSTS Outstanding Student Paper Award was awarded to Mr. Chin Sum SHUI, the University of Hong Kong, for his paper “*Impact of bicycle-sharing system on the competitions between transit operators in linear monocentric city*”.



Prof. Janny Leung presenting the Outstanding Student Paper Award to Mr. Chin Sum Shui

As HKSTS stands on the cusp of its third decade, we are happy to see that the conference has grown to be a recognised annual focal event in the field of transportation research. We hope the HKSTS conferences will go from strength to strength, contributing to the advancement of research and the kindling of new ideas in all fields of transportation studies in the future. The 21st HKSTS conference, co-hosted with the Department of Construction Technology and Engineering of the Technological and Higher Education Institute of Hong Kong (THEi), will be held on 10-12 December, 2016. More information on the conference can be found at the HKSTS website at: <http://www.hksts.org/conf.htm>.



Group photo of 20th conference organisers, sponsors and plenary speakers

Financial Sponsors:



Autotoll Limited



Department of Systems Engineering
& Engineering Management



Kwoon Chung Bus
Holdings Limited



The Airport Authority of Hong Kong

Non-financial Sponsors:



The Chartered Institute of Logistics and
Transport in Hong Kong



Eastern Asia Society
For Transportation
Studies (EASTS)



Logistics & Transportation Division
物流及運輸分部
The Hong Kong Institution of Engineers –
Logistics & Transportation Division



Civil Division
土木分部
The Hong Kong Institution of Engineers –
Logistics & Transportation Division