

Jointly organized by:



Hong Kong Society for Transportation Studies



Department of Architecture and Civil Engineering
City University of Hong Kong

Report on
The 24th International Conference of Hong Kong Society for Transportation Studies
TRANSPORT AND SMART CITIES

14-16 December 2019, Hong Kong

<http://www.hksts.org/conf19.htm>



Board members of the HKSTS

The 24th International Conference of Hong Kong Society for Transportation Studies (HKSTS) was successfully held from 14th to 16th December 2019 at the Mira Hong Kong. The conference was jointly organized by the HKSTS and Department of Architecture and Civil Engineering (ACE) of the City University Hong Kong. The HKSTS conference was co-chaired by Dr. Andy CHOW and Prof. S.M. LO from the ACE department. The conference was sponsored by Croucher Foundation, Autotoll Limited, Huawei Technologies Co. Ltd, PTV Asia-Pacific Pte Ltd, and Volvo Bus Hong Kong Ltd. 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. The conference was honored to have Prof. Richard YUEN (Head of ACE, CityU) and Prof. S.C. WONG (President of HKSTS, HKU) to deliver the welcome speeches.

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Opening address by Professor S.C. WONG, President of HKSTS



*Opening address by Professor Richard YUEN,
Head of Architecture and Civil Engineering, City University of Hong Kong*

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Professor SC WONG (left) presented a Souvenir to Ms. Aileen NG, representative of Autotoll Ltd.



*Professor SC WONG (right) presented a Souvenir to Ms. Laura LIU,
representative of Huawei Technologies Co. Ltd.*

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*Professor SC WONG (left) presented a Souvenir to Ms. Yao YANG,
representative of PTV Asia-Pacific Pte Ltd.*

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This year, we are very honoured to have The Honourable Mr. Frank Fan Chan, JP, Secretary for Transport and Housing of the Hong Kong SAR Government, delivered a Keynote Address on "Smart City Roadmap for Hong Kong".



Mr. Fan CHAN, JP, Secretary for Transport and Housing, Hong Kong Special Administrative Region

With the theme of "Transport and Smart Cities", the conference has drawn around 250 submissions from researchers all over the world. More than 120 papers have been accepted for presentation at this conference and they cover the full spectrum of topics related to the theme. We are also glad that Professors Yu-Chiun Chiou, Raymond Kwan, Ludovic Leclercq, Wei H. Lin, and Kaan Ozbay kindly accepted our invitation to be our plenary speakers at the conference. In addition to the keynote and plenary speakers, we have around 200 participants from academia, industry and government coming from almost 30 countries and regions. The conference served as an effective platform for exchanging views and knowledge on smart cities and smart mobility development.

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We are honoured to have five internationally renowned scholars delivered plenary speeches. They were:

- **Professor Ludovic LECLERCQ**, University of Lyon, IFSTTAR, France. “Large-scale traffic simulation: recent advances based on the macroscopic fundamental diagram”



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- **Professor Kaan OZBAY**, New York University, U.S.A. “Data-Driven Pro-active Transportation Safety in the Era of Connected & Autonomous Vehicles”



- **Professor Wei H. LIN**, The University of Arizona, U.S.A. “Interaction between individual drivers and traffic control: past initiatives and new opportunities”



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- **Professor Raymond KWAN**, University of Leeds, U.K. “Simultaneous scheduling of train units and crews”



- **Prof. Yu-Chiun CHIOU**, National Chiao Tung University, Taiwan. “Travel behaviour analytics based on cellular data”



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To foster excellence in transportation research and practice of students, our Society has established the HKSTS Outstanding Student Paper Award. The winning paper is “Solving the Green Bike Repositioning Problem with Broken Bikes using an Enhanced Artificial Bee Colony Algorithm” by Ms. Yue WANG from The University of Hong Kong. The first runner-up paper this year is “Zonal-based Route Design on Flexible Transit under Volume and Spatial Stochasticity” by Mr. Enoch LEE from The Hong Kong University of Science and Technology.



Professor S.C. WONG (right) presented the HKSTS Outstanding Student Paper Award to the winner, Ms. Yue WANG

The 25th International Conference of the Hong Kong Society for Transportation Studies to be held on 12th – 14th December 2020 will be jointly organized by HKSTS and The University of Hong Kong. More information on the conference can be found at the HKSTS website at: <http://www.hksts.org/conf.htm>.

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