

International Pre-Conference (HKSTS) Workshop 2021

Smart Traffic Analytics Testbeds

Jointly organized by

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

Department of Civil Engineering, The University of Hong Kong

Department of Advanced Design and Systems Engineering, City University of Hong Kong

The Hong Kong Society for Transportation Studies (HKSTS)

Date: 8 December 2021 (Wednesday)

Time: 14:00 – 17:30

Venue: Room N002, The Hong Kong Polytechnic University

Free admission but registration is required to get the QR-code for access to the workshop venue.

Aims and Scopes

The workshop is motivated by an on-going ITS research project funded by the Research Impact Fund of the Hong Kong Research Grants Council. The workshop will offer a great opportunity for sharing experience and views on the development of ITS data platforms/testbeds and the establishment of consortia for potential collaboration between academic sector, industrial partners and public sector.

Co-organizers

Prof. William H.K. Lam (william.lam@polyu.edu.hk), Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University

Prof. S.C. Wong (hhecwsc@hku.hk), Department of Civil Engineering, The University of Hong Kong

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Registration: Please download the workshop registration form at <http://www.hksts.org/conf.htm>, and send the completed form to email: trptam@polyu.edu.hk **on or before 1st December 2021** so that QR-code for access to the campus will be arranged.

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Tentative Workshop Programme on 8 December 2021

Time	Event
13:45 – 14:00	Registration
14:00 – 14:05	Welcome Address Prof. C.S. Poon, Head of Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University
14:05 – 14:10	Opening Address Prof. William H.K. Lam, Workshop Chairman, Chair Professor, Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University
14:10 – 14:40	Shaping Smart Mobility with Traffic Data Mr. Michael H.S. Law, Assistant Commissioner/Technical Services, Transport Department, The Government of The Hong Kong Special Administrative Region
14:40 – 15:10	Large-scale Traffic Datasets: Challenges and Opportunities of Open Data Platforms in the Traffic Community Prof. Monica Menendez, Professor of Civil and Urban Engineering, New York University Abu Dhabi, Abu Dhabi
15:10 – 15:40	Delivering Intelligent Transport Systems Collaboratively Mr. Dennis Walsh, Chief Engineer, Department of Transport and Main Roads (Queensland), Australia
15:40 – 16:00	Break
16:00 – 16:30	Building International Consortia for ITS Deployments Prof. Constantinos Antoniou, Full Professor, Chair of Transportation Systems Engineering, Technical University of Munich, Germany
16:30 – 17:00	A Generic Simulation Platform for Cooperative Adaptive Cruise Control under Partially Connected and Automated Environment Prof. Jia Hu, ZhongTe Distinguished Chair in Cooperative Automation, College of Transportation Engineering, Tongji University, China
17:00 – 17:25	Discussion (Chaired by Dr. Andy H.F. Chow, Assistant Professor, Department of Advanced Design and Systems Engineering City University of Hong Kong)
17:25 – 17:30	Closing Remark Prof. S.C. Wong, Chair Professor, Department of Civil Engineering, The University of Hong Kong

Location Map of the Workshop Venue. Note that registration is required to get the QR-code for access to the campus of PolyU.

