

**The 7th International Symposium on Dynamic Traffic Assignment (DTA):
Smart Transportation
Hong Kong
6-8 June, 2018**

Jointly organized by
Department of Civil Engineering, The University of Hong Kong (HKU),
Institute of Transport Studies, The University of Hong Kong (HKU),
Department of Civil and Environmental Engineering, The Hong Kong University of Science
and Technology (HKUST), and
The Hong Kong Society for Transportation Studies (HKSTS)

< <http://www.hksts.org/dta2018/> >

Dear colleagues and friends,

It is our pleasure to invite you to attend the 7th International Symposium on Dynamic Traffic Assignment in Hong Kong, 6-8 June, 2018. This Symposium aims to foster excellence in dynamic traffic assignment (DTA) research and practice, and provide a forum for exchanging innovative ideas and challenges on DTA and related transportation science research problems. The theme of this Symposium is smart transportation.

Nowadays, in order to provide smooth traffic flow, high degree of safety and sustainable urban environment, smart transportation systems become popular. The systems include the integrated application of advanced management strategies and emerging technology. Such evolution can enhance the current transportation systems and come out positive in benefit-cost analyses. The systems are considered to be essential especially in addressing the challenges of complex matrix within smart cities. The DTA theory together with the latest technology, such as autonomous and electric vehicles, APPs, and GPS, are important ingredients towards the development of a smart city. Hong Kong is one of the cities moving towards this direction. This Symposium will attract international scholars to share their latest finding on DTA with local practitioners and academics to encourage the development of Hong Kong to be a leading smart city with more competitive advantages to adjacent cities, and eventually to make a positive impact on Hong Kong society.

Practitioners and academics are cordially invited to share their knowledge, experience and insights on the design, analytics, investigations, analysis, planning, operation, engineering, co-ordination and management of smart transport systems, taking into account the time-varying characteristics of travel demand and supply and the interdisciplinary nature of the subject. The Symposium will last three full days (from Wednesday to Friday). The technical program may include plenary sessions, paper presentations, and interactive sessions.

For details, please visit the conference website at: <http://www.hksts.org/dta2018/>

Call for papers and presentations

Authors are invited to submit extended abstracts of maximum 4 pages to the EasyChair paper management system <<https://easychair.org/conferences/?conf=dta2018>> by the deadline of **Dec 15, 2017**. Abstract submission instructions are available at <http://www.hksts.org/dta2018/dta2018b.pdf>. Authors will be notified of acceptance of extended abstracts by **Jan 31, 2018**.

The topics of the conference include both classical DTA topics and the dynamic aspects of transport systems and behavior in general, but not limited to:

- dynamic route and/or departure time choice

- within-day dynamic equilibrium
- day-to-day dynamic processes
- dynamic network loading and traffic simulation (micro/meso/macro),
- dynamic link flow models and node models
- solution algorithms and properties
- dynamic OD estimation
- dynamic traffic control and management
- online dynamic models
- activity-based modeling and analysis
- travel behavior and travel choice principles
- novel dynamic transport applications (smart transport, intelligent transportation systems, shared vehicles/taxis, connected and autonomous vehicles, electric and green vehicles, public transport, bike repositioning, dynamic vehicle routing)

Important Dates

15 Dec 2017: Deadline for submission of extended abstracts

31 Jan 2018: Notification of acceptance of extended abstracts

28 Feb 2018: Deadline for submission of final extended abstracts and registration

31 May 2018: Deadline for submission of full papers for special issue(s).

6-8 Jun 2018: DTA2018

For enquiries, please feel free to contact:

Conference Secretary

E-mail: dta2018@hku.hk

Please kindly help circulate this Call for Papers to your colleagues who may be interested; and we are looking forward to welcoming you in June 2018 in Hong Kong.

Yours sincerely,

Conference Organizing Committee