

18th INTERNATIONAL SYMPOSIUM OF TRANSPORTATION AND TRAFFIC THEORY, 16-18 JULY 2009

The 18th International Symposium on Transportation and Traffic Theory (ISTTT18) will be held at the Hong Kong Polytechnic University from July 16 to 18, 2009. The ISTTT series is the premier gathering for the world's leading transportation and traffic theorists, and those who are interested in contributing to or gaining a deeper understanding of the field. The Symposium covers both scientific and operational aspects of transportation and traffic, spanning all modes of transport, including freight as well as private and public transport. For further details, see www.isttt.org.

Topics

The Symposium welcomes contributions to the following topics:

- traffic flow theories and their implications
- traffic management and traffic control
- dynamics of transport phenomena, especially coupled with observation and/or experimentation
- long term dynamics of spatial activity and transport interactions
- distributed intelligence in intelligent transport systems
- real-time information, travel behaviour and system management
- consistency between multiple levels of representation of traffic and transportation phenomena (e.g. microscopic vs. macroscopic)
- interplay between measurement and theory
- properties of transportation optimization problems
- travel behaviour processes and demand modelling
- transportation system behaviour under extreme conditions
- interactions between transport system user classes, e.g. mixed-mode traffic (incl. non-motorized)
- dynamic network assignment, route control and congestion pricing
- scheduled modes (public transport, air networks): system planning, service design and operations
- demand responsive transport, including dial-a-ride and taxis
- pedestrian and crowd modelling, volatile dynamics
- transport safety
- routing and scheduling in transportation systems

- multidimensional network model formulations, properties and algorithms
- freight transport modelling, logistics and supply chains
- network planning and design, reliability and robustness
- intermodal terminal operations

To present a paper at this event, an extended abstract (1000 words) should be submitted electronically (word or pdf format) to the organizers at secretary@isttt18.org by **15 December 2007** for the first-round review. If the abstract is accepted, a full length manuscript will need to be submitted by 30 June 2008 for final evaluation. The evaluation will be undertaken by referees drawn from the International Advisory Committee of the ISTTT and other prominent researchers from around the world. Final acceptance of a paper will thus be based on peer review of the full paper. Authors of accepted papers will be asked to produce a final camera-ready manuscript in Word format by 15 January 2009, for publication in the proceedings. Following the tradition of previous Symposia, one presenter per paper will be eligible for significant travel assistance. The official language for the ISTTT is English.

Deadlines :

- December 15, 2007 : Submission of extended abstracts (1000 words)
- March 15, 2008 : Notification of acceptance or rejection of abstract
- June 30, 2008 : Submission of full papers of peer review
- October 15, 2008 : Notification of acceptance or rejection of full paper
- January 15, 2009 : Submission of full, revised papers in camera-format

ISTTT18 Secretary
Department of Civil and Structural Engineering
The Hong Kong Polytechnic University
Hung Hom, Kowloon
Hong Kong
Tel: +852-2766-6070
Fax: +852-2334-6389
secretary@isttt18.org
www.isttt18.org