

FURTHER INFORMATION

The HKSTS website at www.hksts.org contains further information on:

- Accommodation and travel
- Conference venue
- Copyright transfer agreement
- Equipment request form
- HKSTS Outstanding Dissertation Paper Award
- HKSTS Outstanding Student Paper Award
- List of sponsors
- Notes for preparing full papers
- Notes to speakers
- Preliminary program
- Registration form

ENQUIRIES

E-mail: hksts20@se.cuhk.edu.hk

LANGUAGE

All presentations and printed materials shall be in English.

PROCEEDINGS

Selected papers presented at the Conference will appear in the Conference Proceedings, which will be made available to registered participants. Selected papers may also be published in special issues of international journals.

REGISTRATION FEE

The registration fee will be HK\$3,500 (US\$1 = HK\$7.8 approximately), which covers the attendance of the Conference, Conference Proceedings, two lunches, a Conference dinner, and refreshments. Accommodation and travel arrangements are not included.

IMPORTANT DATES

15 Apr. 2015 **Deadline for submission of abstracts**
31 May 2015 **Notification of acceptance of abstracts**
15 Aug. 2015 **Deadline for submission of full papers**
16 Sep. 2015 **Notification of acceptance of full papers**
15 Oct. 2015 **Deadline for submission of final papers**
12-14 Dec. 2015 **The 20th HKSTS International Conference**

CONFERENCE ORGANIZING COMMITTEE

- Co-chairs : Prof. Janny M.Y. LEUNG
The Chinese University of Hong Kong
Prof. C.H. CHENG
The Chinese University of Hong Kong
Dr. Sylvia Y. HE
The Chinese University of Hong Kong
Dr. Yong-Hong KUO
The Chinese University of Hong Kong
- Members : Dr. Timothy D. HAU
The University of Hong Kong
Dr. W.T. HUNG
The Hong Kong Polytechnic University
Dr. Stephen W.K. LAM
Airport Authority Hong Kong
Prof. William H.K. LAM
The Hong Kong Polytechnic University
Dr. Zhen LENG
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Prof. Donggen WANG
Hong Kong Baptist University
Dr. James WANG
The University of Hong Kong
Dr. Yuhong WANG
The Hong Kong Polytechnic University
Prof. S.C. WONG
The University of Hong Kong
Prof. W.G. WONG
Technological and Higher Education Institute of Hong Kong
Prof. Hai YANG
The Hong Kong University of Science & Technology

First Announcement & Call for Papers

THE 20th INTERNATIONAL CONFERENCE OF HONG KONG SOCIETY FOR TRANSPORTATION STUDIES

Urban Transport Analytics

Hong Kong

12-14 December 2015

Jointly organized by

Hong Kong Society for Transportation Studies

and

Big Data Decision Analytics Research Centre,
Department of Geography and Resource
Management,
Department of Systems Engineering and
Engineering Management,

The Chinese University of Hong Kong



香港中文大學
The Chinese University of Hong Kong

CALL FOR PAPERS

In today's increasingly global and interconnected world, more people live in urban areas than rural areas. By 2030, there will be over 40 mega-cities with over 10 million inhabitants each. Needs for greater mobility yet concerns for the environment engender new challenges and demands on transport systems and metropolitan spaces. On the other hand, the ubiquitous availability of data on a mega-scale opens up opportunities for new directions and paradigms for the design, planning and operations of urban and regional transport systems. New analytics models, theory and algorithms are called for to meet the challenges for sustainable transport for cities and communities of the future.

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 transport systems and their impacts. The technical program may include plenary sessions, paper presentations and interactive sessions. For details, please visit the conference website at:

www.hksts.org/conf.htm

CONFERENCE TOPICS

1. Transportation Infrastructure and Built Environment

- Transportation infrastructure
- Integrated land use and development
- Infrastructure design, evaluation and management
- Highway engineering

2. Sustainability Issues in Transportation

- Energy and carbon emissions
- Climate change and adaptation strategies
- Equity and sustainability issues in transportation
- Transportation safety and health

3. Travel Behavior Modeling

- Observational and attitudinal surveys
- Spatiotemporal analysis
- Activity-based modeling
- Applications

4. Technology and Information

- Intelligent transportation systems (ITS)
- Data integration and interoperability issues

- GPS, telecommunications and transport
- Transport and Big Data

5. Transport Geography

- Transportation geographic information systems (TGIS)
- Travel and mobility
- Urban transport systems and road safety
- Transport policy

6. Transport Dynamics

- Dynamic traffic assignment
- Traffic flow theories
- Day-to-day dynamics
- Applications of dynamic models

7. Logistics and Supply Chain Management

- Supply chain management
- Logistics and operations management
- Humanitarian logistics
- Decision analytics

8. Transport Networks

- Facility location and network design
- Freight transportation
- Public transit
- Network reliability and vulnerability

ABSTRACT SUBMISSION & ENQUIRIES

Authors are invited to submit abstracts of 300 to 500 words by the deadline of **15th April, 2015**.

Abstract submission instructions will be available at the conference website:

www.hksts.org/conf.htm

For enquiries, please contact the conference co-chairs at:

hksts20@se.cuhk.edu.hk

HKSTS

Established in February 1996, the Hong Kong Society for Transportation Studies (HKSTS) aims to foster excellence in transportation research and practice, stimulate professional interchange in transportation, and provide a forum for exchanging ideas on transportation developments.

HKSTS OUTSTANDING DISSERTATION PAPER AWARD GORDON NEWELL MEMORIAL PRIZE

The HKSTS Outstanding Dissertation Paper Award (hereafter, the Award) was established in 2005 to promote transportation research and education in Asia, as well as the Society's own journals. The Awardee is bestowed the Gordon Newell Memorial Prize (hereafter, the Prize) of HK\$10,000. This Prize is dedicated to the late Professor Gordon Newell of the University of California at Berkeley in recognition of his significant contributions to scientific research and education in traffic and transportation theories. PhD graduates who are citizens of an Asian country and who have completed their PhD studies within three years of the HKSTS Conference at which the Award will be granted, are eligible to apply. An applicant should submit his/her PhD dissertation, together with a full paper that is based on the dissertation, and a certificate from the university confirming the award of a PhD degree, to the Award Committee by 31 March 2015. The applicant must be the first author of the full paper, which must not have been submitted for publication or published elsewhere except for HKSTS journals. Further details of the Award can be found at the HKSTS website: www.hksts.org

The awardee is expected to present his/her paper and receive a certificate of the Award and the Prize at the 20th HKSTS International Conference. The registration fee for the Conference will be waived. No more than one Award shall be issued each year. Should no suitable candidate qualify for the Award in a particular year, the Award Committee reserves the right not to grant an Award. The awardee's paper will be published in the recommended HKSTS journal, if the paper has not been published.

HKSTS OUTSTANDING STUDENT PAPER AWARD

HKSTS has sponsored the HKSTS Outstanding Student Paper Award (hereafter, the OSPA) since it was established in 2003. Postgraduate students who fulfil the requirements are welcome to submit a paper for the OSPA. The applicant must be the sole author of the paper. The full paper must not have been submitted for publication or published.

The OSPA Committee shall shortlist no more than three student papers for a special session of the 20th HKSTS International Conference. A prize presentation will be held at the Conference. HKSTS reserves the right not to grant the OSPA should members of the OSPA committee consider the quality of submissions or the performance of the candidates at the session to be unsatisfactory. Decisions of the OSPA Committee shall be final.

The winner will be awarded a plaque and a prize of HK\$2,500. The first and second runners-up will be awarded a certificate of merit. The three short-listed papers will also be considered for publication in the HKSTS journals.