15th ITS Asia-Pacific Forum
第十五届亚太智能交通论坛介绍

By ITS-HK - Mr Charles So
香港智能交通协会会长 - 苏洪德

27-29 June 2017
Hong Kong 香港
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### Background Information - ITS-AP Forum

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<thead>
<tr>
<th>Year</th>
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Background Information – Hong Kong Profile
背景资料 – 香港概况

Hong Kong, Asia’s premier destination for business, meetings, conventions and exhibitions – the place where for international business people come to:

- **Dynamic city with full of business opportunities** - The world’s 8th largest trading economy
- **Hong Kong GDP is in the world’s top 20 economies** - strategic location at the heart of the world’s fastest growing economic region in the Pearl River Delta.
- **Easy for doing business and communication** – High government department and private organization efficiency, bilingual capability
- **City for international business, trading, logistics, services, convention and Tourist Hub for Asia**

Locates at the central of Asia

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Rank 4 - The world’s Top 10 Airport 2015
- 100 airlines operating flights to about 180 locations worldwide
- 2014 passenger movements 63,367,000
- Daily flights to all major cities in Asia Pacific
- Airport Express 24 minutes to the heart of Hong Kong

Background Information – Hong Kong Profile

背景资料 – 香港概况

Long-term precedence-setting in Intelligent Transport Systems for road, rail, marine and logistics:

Total land area: 1,104 sq. km
土地总面积

Population: 7.3 million
人口

Per capita GDP: HK$328,000 (or US$42,300)
个人平均 GDP

Road length: 2,087 km
总路长

Licensed vehicles: 786,000 vehicles
登记车辆

Density: 380 vehicles/km
路面密度

Public transport usage: 90%
公交使用率

Passenger journeys / day: 12 million passenger journeys
乘客每日出行率
### Background Information – ITS Application

背景资料 – 香港智能交通应用概况

<table>
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<th>Traffic Information</th>
<th>Enforcement</th>
<th>Infrastructure</th>
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Background Information – ITS Application
背景资料 – 香港智能交通应用概况

Traffic Control

- Tuen Mun Western Bypass
- Tuen Mun Road Improvement
- Connecting Roads to Liantang / Heung Yuen Wai
- Widening of Tolo/Fanling Highway
- Route 6 (CKR, T2, TKOLTT, CBL)
- CWB

LEGEND:
- Strategic Road with CCTV
- Existing TCSS
- TCSS under Planning/Construction

Hong Kong – Zhuhai – Macao Bridge & Hong Kong Link Road

Shenzhen

Lantau Island

New Territories
Event Topic 活动主题

“Metropolitan Transportation Infrastructure in Smart Cities 智慧大都会运输基建
Introduction 简介

• ITSHK extend a warm invitation to local, regional and worldwide specialists, experts and government officials in transportation and smart city to join the upcoming 15th ITS Asia Pacific Forum and Exhibition in Hong Kong SAR, China, June 27-29, 2017. Billions of dollars are being invested in transportation infrastructure development for the smart cities worldwide to meet the demands in metropolitan regional development in the future.

• The Hong Kong SAR government has invested in a few major mega transport infrastructure projects to connect cities in Pearl River Delta regions. Under the theme “Metropolitan Transportation Infrastructure in Smart Cities”, the event provides a unique platform for sharing experience, learning the latest industry technologies and exploring collaboration opportunities.

• We are inviting you to join in this wonderful event as well as to celebrate with us on the 20th Anniversary of the Hong Kong Special Administrative Region Establishment Day on 1st July, 2017.

Who Will Attend 与会人员

• Over 1,000 delegates & 80+ exhibitors will be participated in this important Forum event, coming from different countries or regions, and from different professionals and across over related industries.
Event Topic 活动主题
Metropolitan Transportation Infrastructure in Smart Cities 智慧大都会运输基建

- Mobility 移动运输
- Integration 系统整合
- Communication & Sensors 信息通讯及传感器
- Policy, Standards & Regulation 政策，标准及法规
- Safety & Security 安全及保安
- Environment 环境
- Innovation 创新
**Venue and Accommodation**

*The Hong Kong Convention & Exhibition Centre*

- voted in the top three ‘Best Convention and Exhibition Centre’ in the CEI Asia Industry Awards.

**Accommodation, Transportation and Entertainment**

- Over 6,400 hotel rooms within 5-10 minutes walk
- 1 subway stop to Central (commercial center) & Causeway Bay (shopping center)
- Transportation: MTR, buses, tram, ferry
- Hundreds of restaurants and bars in the area
Venue and Accommodation

The exhibition area is located on the 3th floor of the Hong Kong Convention and Exhibition Center (HKCEC). HKCEC, located in the heart of city center, is an exciting platform for exhibitions. About 10 Meeting Rooms of different size have been reserved for various public sessions.
Proposed Scale of the Forum and Exhibition

论坛及展览拟定规模

- 3-day Programme
- 2 days Exhibition and 2 days Forum (concurrent) and plus Technical Visits
- **1000-1200 attendees**参会代表 from Asia-Pacific and Mainland China
  
  *(expected 500 from overseas 国际参会代表)*
- Exhibition for **targeted 80 +booths** 展位
- Plenary, Technical & Special Sessions
- Demonstration
- Workshop
Event Details 论坛及展览细节

Opening Ceremony on 27 Jun 2017 (tentative)
开幕式拟定于2017年6月27日

- Delegates from Government Officials, ITS Asia-Pacific and Other Officials
- Venue at Exhibition Hall of the Hong Kong Convention & Exhibition Centre (HKCEC)
- Lion dance and/or other cultural performance
- Welcome address by President of ITS Hong Kong
- Opening remarks by President of ITS Asia Pacific
- Keynote address will be delivered by Senior HK Government Officials
- Ribbon cutting ceremony
Event Details 论坛及展览細節

VIP Dinner on 27 Jun 2017 贵宾晚宴拟定于2017年6月27日
• Delegates from Government Officials, ITS Asia-Pacific and Other Officials

Gala Dinner on 28 Jun 2017 综合晚宴拟定于2017年6月28日
• All Registrants

Multiple Public Sessions on 27 & 28 Jun 2017 会议部分将定于2017年6月27&28日
• Plenary, Technical & Special Sessions全体大會; 特别分会; 技术分会

Technical Tours 技术考察
• Boundary Crossing Facilities of Hong Kong, Zhuhai and Macau Bridge 港珠澳大桥香港口岸过境基建设施（359亿港元）
• Express Rail Link project 广深港高铁工程(香港段-26km; 884亿港元)
• Vessel Traffic Centre, Marine Dept. 船只航行监察中心
• Traffic Incident Management System, Transport Dep. 交通事故协调中心
Event Details 论坛及展览细节

Workshops 工作坊
- One Belt, One Road Initiatives 一带一路

Closing Ceremony on 29 Jun 2017 (tentative)
闭幕式拟定于2017年6月29日
- Delegates from Government Officials, ITS Asia-Pacific and Other Officials
- A brief preview of 26th ITS World Congress in Singapore in 2019
- Passing the Globe
- A brief preview of 16th ITS AP Forum in 2018
- Closing Remarks
Call for Papers 论文征集

• The 15th ITS Asia-Pacific Forum will address the seven critical issues and challenges in the following areas, mobility, integration, communication & sensors, innovation, environment, safety & security and Standard & regulation, toward the development of Metropolitan Transportation Infrastructure for Smart Cities.

• The Technical Committee invites you to join and participate in our discussion by submitting a paper. For more information regarding paper presentation and abstract submission, please refer to the regulations and guidelines at the Forum official website or email to itsadmin@itshk.org
## Call for Papers - Proposed Themes and Topics

### Mobility

- Multimodal journey planners and traveller information services
- Public transport operations
- Implementation of demand-responsive transport
- Mobility as a Service (MaaS)
- New transport-related payment systems
- Integrated, multi-modal ticketing and open architecture payment systems
- Mobility management and new business models
- Multi-modal planning and implementation
- Intermodal freight services

### Integration

- Towards an integrated, multi-modal transport future
- Roadmaps
- Incident management and supporting infrastructure
- Road space management for freight and passengers
- Infrastructure aspects
- Managing city space for business and people
- Travel Demand Management
- Cross-border applications
- Electric Vehicle charging infrastructure
- Transport for liveable cities

### Communication & Sensors

- The Connected Vehicle
- New communication technologies and applications
- In-vehicle integration and telematics
- Data sharing and dissemination
- Mobile positioning and Global Navigation Satellite Systems (GNSS) for mobility
- Mobile sensing and data collection
- Ubiquitous and pervasive sensing
- Road condition monitoring

### Innovation

- New approaches to urban traffic management
- Open data for service integration
- New mobility apps for business and travelers
- Smart parking management
- Vehicle tracking and passenger information systems
- Data management, fusion, analytics and visualization
- Car sharing
- Pooling and enabling mobile apps
- EV charge point reservation and management systems
- Funding and business models

### Environment

- Use of cooperative ITS for energy efficiency
- Earth observation techniques and environmental protection
- Air quality strategies
- From emissions reduction to air quality improvements, modelling and visualisation
- Noise reduction strategies
- Vehicle aspects: electric or alternative fuel vehicles
- Towards low carbon travel
- Towards resilient ITS
- Disaster management and response

### Safety & Security

- Hazard detection, validation and reporting
- Intelligence-based enforcement
- Driver factors
- Driver distraction
- Hazardous material (HazMat) tracking and secure cargo management
- Driver monitoring systems
- Emergency vehicle pre-emption
- Work zone protection systems
- Implementation of e-call, enabling technologies and supporting infrastructure
- Weather monitoring, data analysis and information dissemination
- Protecting vulnerable road users, the elderly and the disabled

### Policy, Standards & Regulation

- Transport policy and strategy
- Legal and Institutional Issues
- Standards, interoperability and architectures
- Open data, privacy and security
- Implementing Mobility as a Service
- Regulations for advanced driver assistance systems, autonomous and driverless vehicles
- Developments in regulations for enforcement
- Enforcement, and lawful intercept
- Fuel tax replacement mechanisms
- Car and trip sharing
Call for Papers 论文投稿

Submission 论文提交
All papers should present original research and development that has not been published elsewhere.
• Considering the fact that English is the official language of the forum, all abstracts and full papers received must be written in English. Papers in other languages may be accepted with the special approval from the technical committee.
• The abstract should be no less than 150 words and should not exceed 300 words.
• Full papers must be submitted if the abstracts have been accepted. Details of the full paper requirements can be found in the Forum official website.
• Please submit papers via the Forum official website.

Important Date 重要日期
- Announcement/Call for abstract paper or poster presentation July 2016 摘要征集通知
- Deadline for abstract submission 30 Nov 2016 摘要提交截止时间
- Notification of acceptance for paper/poster presentation Feb 2017 全文接受通知
- Full paper/ppt/poster submission 31 May 2017 全文提交截止时间
Exhibition Rates & Sponsorship
参展费用及赞助

Exhibition Rates and Enquires 参展费用及查询
• Details of the Floor Plan and the Exhibition Rates will be finalised shortly.

Sponsorship Opportunities 赞助机会
• The organizing committee of the Forum is currently inviting Partners who share the vision of the event to participate as the forum sponsors. Sponsoring companies can choose any packaged options as listed below. Partners and companies can make use of the marketing opportunities offered by the Forum for brand promotion and demonstrated the continuous supports in the transportation and ITS industries.

For interested parties, please send email to itsadmin@itshk.org or visit the forum official website http://www.ITSAP2017.com for most up-to-date information
Why Join ITS-AP 2017

为何加入2017年亚太智能交通论坛？

- 分享经验、学习最新科技和探索合作机会的独特平台；
- 参与包括论坛、展览、行政人员和终端用户的交流、技术考察及工作坊在内的多形态活动；
- 与智能交通系统国际市场的潜在买家、合作伙伴、投资者和开发人员的联系；
- 活动于香港举行，香港位于全球发展最快的经济体的战略中心位置，具有成熟的基础配套设施

15th ITS Asia –Pacific Forum 2017
第十五届亚太智能交通论坛
List of Supporting Organizations  支持机构

HKIE – IT & LTD Division

- mehk
- Transport Department
- AECOM
- Autotoll
- HUAWEI
- Delcan
- Schneider Electric
- MEINHARDT
- NEC
- Schenck Process
- STARCORE
- SIEMENS
See you in Hong Kong! 期待与您在香港相遇！
15th ITS Asia – Pacific Forum

第十五届亚太智能交通论坛

(27-29 June 2017)

For more information, please visit our forum official website or email to itsadmin@itshk.org or charles.so@aecom.com

http://www.ITSAP2017.com

Organized by Intelligent Transportation Systems Hong Kong

http://www.itshk.org