

Organizer:



香港科技大學
THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY



Co-Organizer:

Tongji University
National Taiwan University
University of Macau

Tentative Rundown on 11 Jan 2019

Time/Date	Activity
08:30 - 09:00	Registration
09:00 - 09:30	Opening Ceremony
	<p>Welcome Speeches Dr. Sabrina M. Y. LIN Vice-President for Institutional Advancement The Hong Kong University of Science and Technology Professor Hong K. LO Director of GREAT Smart Cities Centre Head and Chair Professor of Civil and Environmental Engineering The Hong Kong University of Science and Technology Ir Derrick LEUNG Chairman of the Conference Organizing Committee President of HKUST Civil and Environmental Engineering Alumni Association Dr. Winnie Tang, JP Founder & Honorary President of Smart City Consortium</p>
	<p>Opening Address Ir LAM Sai-hung, JP Permanent Secretary for Development (Works), DB, HKSAR</p>
	Group Photo
09:30 - 10:00	<p>Keynote Address (1) Mr. Alex KWAN Executive Director of Airport Authority Hong Kong Topic of Talk: Digital Twin – Path to A Smarter Airport for Hong Kong</p>
10:00 - 10:30	<p>Keynote Address (2) Mr. CHAN Chung Ching, Thomas, JP Director of Lands Department Topic of Talk: Spatial Data as a Modern City Infrastructure</p>
10:30 - 10:50	Tea Break
10:50 - 11:20	<p>Keynote Address (3) Dr. Jacob KAM Chak-pui Managing Director of Operations and Mainland Business of MTR Corporations Limited Topic of Talk: How Smart Transport Helps to Develop Smart Cities</p>

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11:20 - 11:50	Keynote Address (4) Prof. Yu ZHENG Chair Professor of Shanghai Jiao Tong University Topic of Talk:	
11:50 - 12:20	Keynote Address (5) Mr. Herman LAM Managing Director of Cisco Hong Kong & Macau Topic of Talk: Digital Platform for City Transformation	
12:20 - 14:00	Lunch	
14:00 - 14:30	Keynote Address (5) Ms Ada YS FUNG, BBS Director of Hong Kong Green Building Council Director of World Green Building Council Topic of Talk : Green Buildings for Everyone, Everywhere	
14:30 - 15:00	Keynote Address (6) Ir Prof. Philip WK Chung Deputy Head of Geotechnical Engineering Office of Civil Engineering and Development Department Topic of Talk : A Government GIS-based Common Operational picture for sharing of emergency information	
15:00 - 15:10	Tea Break	
	Technical Presentation (1)	
	Room 1103 Session Theme: Smart People - Digital and Big data Language: English	Room 1104 Session Theme: Smart Government - Policy and Case Study Language: English
15:10 - 15:30	Prof. Jack C.P. Cheng Associate Director of GREAT Smart Cities Centre Topic of talk: Integrating BIM and IoT for Smart Facility Management and Walkability Enhancement	Mr. Silas Liu Chief Town Planner of Planning Department Topic of talk: Smart Planning and Development in the New Digital Era
15:30 - 15:50	Mr. Ronald Pong Chairman of IT Governance Committee Smart City Consortium Topic of talk: IoT Security for Smart City Environment	Mr. Ben Chan Assistant Director/ Survey & Mapping of Lands Dept. Topic of talk: 3D Mapping Development

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15:50 – 16:10	Dr. Tony Lee Chief of Operation Engineering MTR Corporation Limited Topic of talk: Above & Beyond: Smart, Green and Resilient Railway	Dr. Bruce Chong Associate Director of ARUP Topic of talk: Planning of smart and climate resilient city in Hong Kong
16:10 – 16:15	Q&A Session	Q&A Session
16:15 - 17:20	Technical Presentation (2)	
	Room 1103 Sessions Theme: Smart Environment - Energy and Resources Language: English	Room 1104 Sessions Theme: Smart Living - Resilience Cities Design Language: English/Mandarin
16:15 – 16:35	Prof. Yu-Hsing Wang Professor of Civil and Environmental Engineering of HKUST Topic of talk: Vertical AI for Smart and Resilient City	Prof. Limin Zhang Chair Professor of Civil and Environmental Engineering of HKUST Topic of talk: “Digital Hong Kong” multi-hazard simulation under extreme storm conditions
16:35 – 16:55	Mr. Austin Runnels Bryan Senior Director, Innovation, of CLP Holdings Topic of talk: How Hong Kong can become one of the world’ s top innovative, connected, sustainable cities and how Hong Kong Smart Energy services and capabilities underpin the smart city of the future	Prof. Shang-Shu Shih Associate Professor of National Taiwan University Topic of talk: Capability and Resilience of Mitigating Urban Inundation Hazards Considering River Flooding Effects
16:55 – 17:15	Mr. Wilson Kwok Deputy Honorary Secretary Smart City Consortium Topic of talk: How HK Electric evolve from corrective and time-based maintenance in the past to condition-based maintenance with the help of big data analytics	Ms. XIA Hui Yi Researcher of Shanghai Tongji Urban Planning & Design Institute Topic of talk: Multi-dimension Urban Planning in Renewal of the old city
17:15 – 17:20	Q&A Session	Q&A Session

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Tentative Rundown on 12 Jan 2019

Time/Date	Activity
08:30 - 09:00	Registration
09:00 - 09:30	Keynote Address (1) Prof. Shang-Hsien HSIEH Chairman and Professor of Civil Engineering Department National Taiwan University Topic of Talk : From BIM to Resilient Smart City
09:30 - 10:00	Keynote Address (2) Prof. XIA Nan-Kai Professor of Shanghai Tongji Urban Planning & Design Institute Topic of Talk : 特色小鎮智慧城市管理
10:00 - 10:30	Keynote Address (3) Prof. KOU Kun Pang Head of Department of Civil and Environmental Engineering The University of Macau Topic of Talk : A study of the development of smart mobility in Macau
10:30 - 10:40	Tea Break
10:40 - 11:10	Keynote Address (4) Dr. Morgan W. W. YANG Vice-President of Transport Infrastructure, China, of AECOM Topic of Talk : Mobility, TOD and Urban Competitiveness
11:10 - 11:40	Keynote Address (5) Dr. Kenneth TANG Chairman of SDI Committee Smart City Consortium Topic of Talk : Application of Technologies for Smart Land Use Planning
11:40 - 12:10	Keynote Address (6) Prof. Hong K. LO Director of GREAT Smart Cities Centre Head and Chair Professor of Civil and Environmental Engineering The Hong Kong University of Science and Technology Topic of Talk : Smart Transport in a GREAT Smart City

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12:10 – 12:40	<p>Keynote Address (7) Prof. Shi Wei-zhong, John Department Head and Chair Professor of Geographical Information Science and Remote Sensing The Hong Kong Polytechnic University Topic of Talk : Innovations in Smart Cities Development</p>	
12:40 - 14:00	Lunch	
	<p>Technical Presentation (1)</p>	
	<p>Room 1103 Sessions Theme: Smart People - Digital and Big data Language: English</p>	<p>Room 1104 Sessions Theme: Smart Government - Policy and Case Study Language: English/Mandarin</p>
14:00 – 14:20	<p>Prof. Alexis Lau Professor of Civil and Environmental Engineering of HKUST Topic of talk: PRAISE-HK - Smart-City Air Quality and Health Exposure App for Hong Kong</p>	<p>Prof. Xun Wu Professor of the Division of Public Policy of HKUST Topic of talk: Building Policy Capacity for the Development of Smart Cities</p>
14:20 – 14:40	<p>Mr. Jean-Francois Rheault Vice-President of International Operations of Eco-Counter Topic of talk: Of the benefits for a Smart City to measure the progress of an Active Transportation Policy</p>	<p>Mr. YAN Cun Ai Researcher of Shanghai Tongji Urban Planning & Design Institute Topic of talk: Applied Research on Public Participation in Urban Renewal Planning Based on the Fanchang Model</p>
14:40 – 15:00	<p>Mr. Arthur Chan Director of SagaDigits Topic of talk: A Brief Introduction to Smart Cities Based on Digital and Big Data</p>	<p>Prof. Ming Zhang SHIH Secretary of China Engineering Consultants, Inc. Topic of talk: Smart airport city development strategy analysis 2019</p>
15:00 – 15:05	Q&A Session	Q&A Session
15:05 - 15:15	Tea Break	
	Technical Presentation (2)	

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	Room 1103 Sessions Theme: Smart Environment - Energy and Resources	Room 1104 Sessions Theme: Smart Living - Resilience Cities Design
15:15 – 15:35	Dr. Jing Yang Project Manager of University of Macau Topic of talk: Turning Macau into a smart city: the top-level design for Smart Macau strategic development	Ms Queenie Chan Assistant General Manager, Commercial Planning & Development of Towngas Topic of talk: Smart Initiatives for Service Excellence in Towngas
15:35 – 15:55	Mr. Dennis Kwan Chief Executive Officer of Youguo Technologies Topic of talk: The Smart City with Startup Journey	Mr. Wilson Shum Founder of SCALE InnoTech Topic of talk: STEM Education for tomorrow's Smart Citizen
15:55 – 16:15	Dr. Chi-Tai Hsieh Associate Research Fellow Centre for Weather Climate and Disaster Research, NTU Topic of talk: The Innovative Thinking and Application of Smart City on Disaster Prevention	Dr. Yong-Jun Lin Associate Research Fellow Centre for Weather Climate and Disaster Research, NTU Topic of talk: Applying Ensemble Rainfall in Water-related Disasters in a Smart City- an Example of New Taipei City
16:15 – 16:20	Q&A Session	Q&A Session
16:20 - 16:30	Closing	