

Program Schedule

Workshop on High-speed Rail Operation for Safety and Reliability

Venue: Connie Fan Multi-Media Conference Room

Date: 25 Nov 2016, Friday

Morning Session	
08:45 - 09:15	<i>Registration</i>
09:15 - 09:30	Welcome Speech - Prof. Hong Yan, Dean of College of Science and Engineering, City University of Hong Kong - Prof. Kwok L Tsui, Head of Department of Systems Engineering and Engineering Management, City University of Hong Kong
09:30 - 10:00	Enhancement of Emergency Management for Taiwan High Speed Rail with Information and Communication Technologies - Prof. Jason SK Chang, National Taiwan University
10:00 - 10:30	The Security Issues of Train Control Systems - Prof. Tao Tang, Beijing Jiaotong University
10:30 - 11:00	<i>Refreshment Break</i>
11:00 - 11:30	Online and On-board Monitoring of High Speed Rail Systems for Enhancing Operation Safety - Prof. Yiqing Ni, The Hong Kong Polytechnic University
11:30 - 12:00	Key Technology of High-speed Train Operation Security Monitoring and Diagnosis - Prof. Jianhui Lin, Southwest Jiaotong University
12:00 - 12:30	中國鐵路列車運行圖編制研究 - Prof. Shaoquan Ni, Southwest Jiaotong University
12:30 - 14:00	<i>Lunch at City Top Staff Lounge, 9/F Amenities Building</i>
Afternoon Session	
14:00 - 14:30	Impact of Emerging Technology Innovations to the Future Development of High Speed Rail - Prof. Tsung-Chung Kao, University of Illinois Urbana-Champaign
14:30 - 15:00	Evaluating Service Risk in Railway Capacity Utilization Using Expected Recovery Time - Dr. Rex YC Lai, National Taiwan University
15:00 - 15:30	Measurement of Train-track Vibration and Its Possible Application in High-speed Rail Diagnosis - Dr. Paul HF Lam, City University of Hong Kong
15:30 - 16:00	<i>Refreshment Break</i>
16:00 - 16:30	Opportunities for Big Data Analytics in Taiwan HSR Corporation (Tentative) - Mr. Tommy Jen, Taiwan High-speed Rail Corporation
16:30 - 17:00	Research of Railway Delay Events within Five Minutes - Dr. Jason Ni, City University of Hong Kong
17:00 - 17:30	Customer Service for High Speed Railways - Mr. Dennis Li, Rail Consultancy, TÜV SÜD Hong Kong Ltd.
17:30 - 17:35	<i>Closing Remarks</i>