



CHINA HONG KONG RAILWAY INSTITUTION

P.O. Box No. 626 Shatin Central Post Office

Fax : 2947 7001

Web Site : www.chkri.hk

30th October 2017

December Function: Technical Talk on Integrated Speed and Position Supervision System (iSPS) for Light Rail Vehicle

Date: Saturday 9th December 2017

Time: 10:30 am to 12:00 noon

Venue: MTR Tuen Mun Depot

In Hong Kong, Light Rail is a manual driving railway involving interfaces with road traffics. Speed supervision, turnout signal alert, platform duty reminder and fleet management have been regarded as effective ways to improve operational safety and customer satisfaction for Light Rail. Owing to the lack of a single solution for all the aforementioned functions, MTR designed a novel and cost-effective integration of Global Positioning System (GPS) and Radio Frequency Identification (RFID) technologies, named as Integrated Speed and Position Supervision System (iSPS), which aligns the zero-tolerant culture of MTR in safety through assisting its well-trained train captains to further uplift operational safety. With this integrated solution, customer-centric light rail service for a 500,000 daily patronage can be enhanced and MTR, being one of the world-leading railways, can be evolved to be a smart railway.

Speaker

Ir H. W. Chan - Communications & Control Engineering Manager and Ir Dr Billy Tam - Design Support Engineer-Communication of MTR Corporation Limited will present a technical talk on Integrated Speed and Position Supervision System (iSPS) for Light Rail Vehicle.

Registration

For registration, each participant has to confirm to CHKRI his/her name, employer and contact telephone number. Please provide your membership number and grade at the same time when returning your application by e-mail to secretary@chkri.hk on or before **30th Nov 2017**. Certificate of Attendance will be issued to paid up members ONLY.

Anthony Tong
Secretary, CHKRI

