



Institution of Railway Signal Engineers Hong Kong
10/F, MTR Headquarters Building,
Telford Plaza,
Kowloon Bay,
Kowloon,
Hong Kong.

Ref.: 20180430

Technical Forum: Delivering a World-class FAO System for MTR South Island Line – Challenges and Solutions

Abstract:

*Thanks to proven advanced technologies, the increasing deployment of **Fully Automatic Operation (FAO)** solutions using **Communications-Based Train Control (CBTC)** technology has been the latest trend in heavy metro networks for both revamping projects and construction of new railway lines. On operational aspects, FAO systems provide a much greater flexibility for meeting service demands and resource management. However, the level of systems integration complexity throughout the whole project lifecycle has also been increased considerably, from train control to the interfaces with passengers to meet the latest service standards and project specific constraints, such as the given track alignment and civil construction challenges.*

*This paper discusses the challenges and solutions experienced in the delivery in the **MTR South Island Line Project**, and was presented in IRSE Aspect 2017 in Singapore last November.*

- Speaker:** **Mr. Terence LAW**
Project Manager-Signalling, MTR Corporation Limited
- Date:** **15th May 2018 (Tuesday)**
- Time:** **18:15 hrs. to 19:00 hrs.**
(Reception and refreshment at 18:00 hrs)
- Venue:** MTR Assembly Hall, 8/F., MTRHQs Building,
Telford Plaza, Kowloon Bay, Kowloon.
- Language:** English & Chinese
- Fees:** Free of charge
- Registration:** ***Prior registration is required.*** Applications will be accepted on a *first-come-first-served* basis. Successful applicants will be notified by e-mail.
- IRSE(HK) members are invited to make registration via the IRSE(HK) website. (**URL:** http://irse.org.hk/new/activity_viewall.php)
 - MTR staff can make registration by sending e-mail to **Mr. CHEUNG Pan Yeung** at E-mail: pycheung@mtr.com.hk.

All IRSE(HK) members and MTR Staff are welcome



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Deadline of Application: 11th May 2018 (Friday)

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All IRSE(HK) members and MTR Staff are welcome