

Ref: 20191118

Date: 18 November 2019

## IRSE(HK) Technical Forum : Cybersecurity System

### Abstract:

With the increasing number of communications based train control (CBTC) systems installed in metros around the world, there is an increasing attention on the information security of such signalling systems. In the past ten years, there had been a number of hackers successfully intruded into railway systems in Europe and in the USA causing disruptions to passenger services.

This seminar focuses on the modes of cyber attacks and the way the systems are designed to protect from such illegal entries. We also examine the standards and framework being employed by the CBTC suppliers on their system designs.

The full version paper and presentation has been presented at the Aspect 2019 Conference in Delft, Netherlands in October 2019.

<b>Speaker:</b>	<b>Mr. CHEUNG Ni Sang, Henry</b> Vice-Chairman, IRSE(HK)
<b>Date:</b>	<b>4 December 2019 (Wednesday)</b>
<b>Time:</b>	18:15 – 19:15 (Reception and refreshment at 18:00 hrs)
<b>Venue:</b>	Auditorium, MTRHQs Building, Telford Plaza, Kowloon Bay.
<b>Fees</b>	Free-of-charge
<b>No. of Participants:</b>	80 max.
<b>Registration</b>	<b>Prior registration is required.</b> Applications will be accepted on a first-come, first-served basis. Successful applicants will be notified by separate e-mail.  IRSE(HK) members must make registration via the IRSE(HK) website. URL: <a href="http://irse.org.hk/new/activity_viewall.php">http://irse.org.hk/new/activity_viewall.php</a>





Institution of Railway Signal Engineers  
HONG KONG SECTION

**Institution of Railway Signal Engineers Hong Kong**

10/F, MTR Headquarters Building  
Telford Plaza  
Kowloon Bay  
Kowloon  
Hong Kong

MTR staff are welcome. They can send their applications by e-mail to **Mr. CHEUNG Pan Yeung** at E-mail: [pycheung@mtr.com.hk](mailto:pycheung@mtr.com.hk).

**Special remarks:** For security reason, IRSE(HK) members who are not employees of MTRC must make registration via the IRSE(HK) website.

**Closing Date of Application:** 29 November 2019 (Friday)

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