



CHINA HONG KONG RAILWAY INSTITUTION

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16th March 2017

March Function: Technical Talk on falling object detector at MTR East Rail Line

Date: Saturday 25th March 2017

Time: 10:00 am to 11:15 am

Venue: Theatre, 2/F, Fo Tan Railway House

Fallen Object Detection System (FODs)

The application of fallen object detection system is a new initiative in addressing platform hazard associated with platforms without screen doors in East Rail Line.

The system mainly consists of pressure mats installed along the track under University Station Platform 1 & 2, Mong Kok East Platform 2, Kowloon Tong Platform 2 & Lo Wu all Platforms which is capable of fallen passenger detection with false alarm filtering in preventing triggering by other fallen objects such as canned drinks and handbags, etc.

Upon detecting an intrusion, the intrusion location shall be indicated at the operator console and identifiable by an indication at trackside installed on the nearby walls to repeat the alarm so as to facilitate the platform supervisor to locate the alarm source as soon as possible. The fallen object detection system, after its reliability is demonstrated, shall interface to trigger the emergency switch plunger direct thereby minimizing the delay fallen object detection and stopping of train.

The designers of FOD Signalling Interface - Andrew Chan and FODs - Luke Lam will present a technical talk.

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 **22nd Mar 2017**. Certificate of Attendance will be issued to **paid up members ONLY**.

Anthony Tong
Secretary, CHKRI

