

Talk on “Industrial Control Systems Security and its role in the 4th Industrial Revolution”

Jointly Organised by Information and Communications Technology Special Interest Group, IEM and Electrical Engineering Technical Division, IEM
BEM Approved CPD/PDP Hours: 2 CPD Ref. No: IEM18/HQ/482/T, 2 CPD

Day/Date: 1 December 2018, Saturday
Time: 9.00 am to 11.00 am (Refreshments will be served at 8.30 am)
Venue: Wisma IEM, Malakoff Auditorium, Ground Floor
Speaker: Ir. Tejinder Singh

SYNOPSIS

Industrial Control Systems (ICS) are pervasive and ubiquitous in our lives. These systems control many processes in manufacturing, mining, power generation, automobile, oil & gas, water utilities, and material processing facilities. They have been around for several decades. Lately, an increasing number of cyberattacks are targeting these systems. Power grids, nuclear processing facilities and oil refining facilities have been attacked.

This talk will attempt to highlight the importance of securing those systems with minimal impact and why Industrial Control Systems security will play a pivotal role in the next industrial revolution.

BIODATA OF SPEAKER

Ir. Tejinder Singh currently helms a boutique engineering advisory and consulting services company, which operates in a space that intersects energy efficiency, energy management, automation, artificial intelligence, blockchains, big data and cybersecurity. He has more than 25 years of professional experience and has worked in many industries, from steel manufacturing to semiconductor industry, from energy contracting to electrical consulting, from telecommunications to academia and ICT. He is also one of the few experts in both the electrical energy and cyber security domains. He is a certified National EnMS Expert by United Nations Industrial Development Organization (UNIDO), a Lead Auditor for ISO 27001, a Six Sigma Black Belt, a HRDF Certified Trainer, a GBI facilitator, a Registered Electrical Energy Manager (REEM) and a Certified Information Systems Security Professional (CISSP).

Tejinder Singh graduated with a Bachelor's of Science degree in Electrical and Computer Engineering from Tri-State University, Angola, Indiana, USA and also holds a Masters degree in Embedded Systems Design from University of Lugano, Switzerland. He is a Professional Electrical Engineer with Practicing Certificate.

Ir. Chai Chen Sing

Chairman,

Information and Communications Technology Special Interest Group, IEM Session 2018/2019

ANNOUNCEMENT TO NOTE

FEES

(Effective 1st October 2017)

IEM Members

- Registration Fee : **FOC**
- Administrative Fee :
Online: RM 15
Walk In: RM 20

Non-Members

- Registration Fee: **RM 50**
- Administrative Fee: **RM 20**

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- To secure your seat, kindly register online at www.myiem.org.my

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CPD HOURS CONFIRMATION

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