

Half Day Seminar on Intelligent Control



Solutions for Smart Cities

One World Hotel, PJ

START
9.30AM

THURS
15TH

JUNE
2023



Speakers

*Mr Lee Yen Hong
& Mr Harry Hor*



BEM APPROVED CPD/PDP: 3
REF. NO.: IEM23/HQ/211/S

Registration Fees

RM 50 - IEM Members

RM70 - Non Members

Agenda

- 09.30am - Registration and Welcome Greetings
- 10.00am - Introduction
- 10.10am - Beckhoff's Intelligent Control System - ideal for digitalizing smart cities
- 10.30am - Smart Building automation - Sustainable, energy- efficient and flexible
- 11.00am - Beckhoff Malaysia Service Provision
- 11.10am - Coffee break and live demo
- 11.30am - Modernization of a water and wastewater treatment plant with PC based control
- 11.50am - Power Measurement chain from the sensor to the cloud
- 12.10pm - Live Demo and Q & A
- 12.30pm - Closing speech
- 12.40pm - Networking Lunch

Jointly Organised with
Beckhoff Automation Sdn. Bhd.,
UEDSIG, WRTD, & OGMTD



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Synopsis:

More than 50 % of the world's population currently lives in cities with over a million inhabitants, with forecasts suggesting that this figure is set to rise to 75 % by 2050. This is where the smart city concept comes into play, with its many benefits including an environmentally friendly and stable energy supply, intelligent building automation, new mobility concepts, efficient traffic flows and enhanced public safety.

The PC control technology from Beckhoff is based on open standards and provides the ideal basis for digitizing buildings, infrastructure projects, water supply and disposal facilities, energy supplies and process automation.

In this seminar, Beckhoff will present solutions for building automation and infrastructure across technical systems – focusing on future-oriented technologies for sustainable and energy-efficient green buildings. We will show you how PC-based control can be used to integrate all building functions on a single platform and control them consistently with TwinCAT automation software – including IoT functions and concepts for intelligent energy monitoring.

Not only that, Beckhoff will share how innovative automation solutions open up possibilities for optimizing production processes, both for modern new plants and for the retrofitting of existing plants in the oil and gas industry. We will also present how we support the implementation of comprehensive solutions for unimpeded communication from zone 0 to the cloud.

Biodata for Mr Lee Yen Hong: 1st Speaker

Lee Yen Hong has obtained his degree from University of Applied Science in Hochschule Offenbury, Germany, specializing in Industrial Information Technique & Automation covering wide spectrum on production motion control, PLC programming and drive. He has 16 years of varied experience in industrial automation and in the training field. He is also a certified Trainer with HRDF (Human Resources Development Fund, Malaysia). Mr. Lee has also obtained MBA in 2014.

Mr. Lee has been employed by Beckhoff Automation since 2010. Today, he is Country Sales Manager for Beckhoff Malaysia, overseeing the sales department for Beckhoff Malaysia.

Biodata for Hor Han Tin (Harry): 2nd Speaker

Ts. Hor Han Tin is an experienced and specializes in automation and control systems. As a Product Specialist for Automation Software (TwinCAT) at Beckhoff Automation, he has worked on numerous projects in various industries, including automotive, electronics, medical, building automation, water treatment, and energy.

With a focus on Industry 4.0 applications, Ts. Hor is an expert in PC- and EtherCAT-based control technology, IoT, and other cutting-edge automation solutions. He has a proven track record of helping businesses improve their productivity, efficiency, and profitability through the use of innovative automation solutions. Besides, his engaging style and ability to simplify complex concepts make him a sought-after speaker for events and conferences.