*Chairman,*
*Electrical Engineering Technical Division,*
*The Institution of Engineers Malaysia,*
*Lots 60 & 62, Jalan 52/4, P.O. Box 223 (Jalan Sultan),*
*46720 Petaling Jaya, Selangor Darul Ehsan*
*Tel: 03-7968 4001/2   Fax to 03-7957 7678  (Email :*

## REGISTRATION FORM
## ONE DAY SEMINAR ON INDUSTRIAL DIGITALISATION

**(Closing Date: 16th December 2018)**

| No | Name(s) | M'ship No. | Grade | Fee (RM)* |
|----|---------|-----------|-------|-----------|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  | **SUB TOTAL** |  |
|  |  |  | **Total Payable** |  |

*Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be conirmed upon payment.
Enclosed herewith a crossed cheque No: _____ for the sum of RM _____
issued in favour of "**The Institution of Engineers, Malaysia**" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the Organising Committee as stated in the **cancellation term**. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address: _____

_____

Telephone No.: _____ (O) _____ (Fax)

_____ (H) _____ (HP)

Email: _____

_____          _____
Signature & Stamp                                              Date

**Photocopies are acceptable**

IEM — The Institution of Engineers, Malaysia
IET — The Institution of Engineering and Technology

## DATE: 19TH DECEMBER 2018

## ONE DAY SEMINAR ON INDUSTRIAL DIGITALISATION

JOINTLY ORGANISED BY
**ELECTRICAL ENGINEERING TECHNICAL DIVISION & INFORMATION AND COMMUNICATION TECHNOLOGY SPECIAL INTEREST GROUP. IEM**
IN COLLABORATION WITH
**THE INSTITUTION OF ENGINEERING & TECHNOLOGY (IET)**

**Venue: Malakoff Auditorium, Ground Floor, Wisma IEM, PJ**
**Time: 8.30am – 5.30pm**

**BEM Approved CPD/ PDP Hours: 6        Ref. No: IEM18/HQ/507/S**

| REGISTRATION FEES | | |
|---|---|---|
|  | **ONLINE** | **NORMAL (Offline)** |
| **IEM Student Member** | RM 150.00 | RM 180.00 |
| **IEM Graduate Member** | RM 250.00 | RM 300.00 |
| **IEM/IET Corporate Member** | RM 400.00 | RM 450.00 |
| **Non-IEM Member** | RM 800.00 | RM 900.00 |
| *GST shall be at 0% with effect from 1 June 2018* | | |

**CANCELLATION POLICY**
IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

## SYNOPSIS

Industrial digitalisation is a gateway for the Industry Revolution 4.0. (IR4.0). First step for any industry to adapt IR 4.0 is to understand the overall strategy on industrial digitalisation. Each of the industry will have different digitalisation approach and strategy due to the unique process, standard and requirement. It is very critical and important to understand the overall digitalisation industry ecosystem & to have awareness on digitalisation methodology & available Technology. More than half of the topics by the speakers shall be sharing on success stories, Use Case, directive strategy and Prove of Concept of industrial digitalisation implemented in respective organization and industry.

## OBJECTIVES

➢ To introduce and explain the importance of digital transformation in the industry level.
➢ To give insight to IEM / IET members and public on government direction and future policy concerning digital transformation in industry.
➢ To provide an overview on the progress and implementation of "Industrial Digitalisation" players in each of industry – Oil & Gas, Power Energy, Communication, Manufacturing.
➢ To explore forefront idea/initiatives of industrial digitalisation that could bring high impact in the Industry.

## ABOUT THE SPEAKERS

**Dato' Ng Wan Peng** is the **COO of Malaysia Digital Economy Corporation (MDEC).** MDEC is a government-owned agency to pioneer the transformation of Malaysia's digital economy, responsible for the development, coordination, and promotion of Malaysia's digital economy, information and communications technology (ICT) industry, and the extensive use of ICT in Malaysia. Dato' Ng Wan Peng is no stranger to anyone involved in the ICT business in Malaysia. She has been a core and pioneer member of MDEC initiatives. She joined MDEC (previously known as Multimedia Development Corporation) in 1999. Today, as the COO, she is responsible for strategic execution of MDEC's initiatives to support digital economy, including: 1. Attracting investors, globalising local tech champions; 2. Catalysing industry-driven digital ecosystem; 3. Building critical enablers of the digital economy, and 4. Driving inclusive adoption of technology.

**Ir. Johnson Tan**, aged 44, a Malaysian, is currently the **Vice President of Process Automation Business Unit; Siemens Malaysia Sdn Bhd**. He graduated with multi discipline in engineering; from Electronics & Electrical Engineering, Electronics Engineering, as well as Electronics & Control Engineering. Upon graduation in 1997, he joined Energy & Process Control Sdn. Bhd. as a Project Engineer responsible for DCS /SCADA programming for a period of 6 years, till finally departing as System Sales Manager. Following suit, Ir. Johnson Tan has joined Siemens Malaysia Sdn Bhd as Assistant Sales Manager while he is now the Vice President for Process Automation Business Unit in the company. He has more than 20 years of working experience in the field of automation systems; involving Distributed Control Systems (DCS) programming, Supervisory Control and Data Acquisition (SCADA) system programming, Programmable Logic Controllers (PLC) programming, system training, project engineering, project management, site commission works.

**Ir. Pershanta Kumar,** aged 34 is currently a **Senior Engineer (Asset Information), Asset Management Strategy Design & Standard** at **TNB Distribution Network.** He has over 11 years working experiences and engaged with TNB for almost 9 years (until present). He has a Bachelor's in Electrical & Electronics Engineering from University of Tenaga Nasional (UNITEN). His is on focused to apply a disruptive technologies that bring innovation and transformation to TNB Distribution Network.

**Izwan Hasli Mohd Ibrahim** is the **Chief Operating Officer of PETRONAS ICT Sdn. Bhd**; a position he assumed in 2013, and Chief Executive Officer of Virtus IP Sdn. Bhd. Both companies are wholly-owned by Petroliam Nasional Berhad (PETRONAS). An engineer by training, Izwan holds an M.Sc. in Information Technology and a B.Sc. in Mechanical Engineering; both from Rensselaer Polytechnic Institute, New York. Izwan's foray into the oil & gas industry started in 2001 when he joined PETRONAS Carigali. Since then, he has been with several companies within the PETRONAS Group. In this span of 17 years, Izwan has covered roles involving Strategy, Commercial, Project Management, Systems Development, Technical Support, Client Relationship, Business Development and Management. Besides work, Izwan is passionate about Education.

**Diego Betancur,** is currently **ICS/SCADA Security Engineer for APAC Region at NOZOMI Networks**. He is currently based in Sydney, Australia. He has over 12 years of Cybersecurity experience. He has a master's degree from Macquarie University (Australia) in IT Cybersecurity and a postgraduate in Business from IE Business School (Spain). He has undertaken large number of security projects including Penetration Testing, Risk Assessments, Incident Response and Maturity Assessments. He is expert in understanding OT protocols work, their weaknesses and people behaviour to pose risk to organisations due to the cybersecurity threat.

### Tentative Programme

| Time | Description |
|---|---|
| **8.30 am – 9.00 am** | Registration |
| **9.00 am – 10.00 am** | Keynote Speaker – Government Agency (MDEC) |
| **10.00 am – 10.30 am** | *Tea Break* |
| **10.30 am – 11.30am** | Second Speaker – Process Industry (Siemens Malaysia) |
| **11.30 am – 12.30 pm** | Third Speaker – Energy Industry (TNB) |
| **12.30 pm – 2.00 pm** | *Lunch Break* |
| **2.00 pm – 3.00 pm** | Fourth Speaker – Oil & Gas Industry (Petronas ICT) |
| **3.00 pm – 4.00 pm** | Fifth Speaker – Industrial Cyber Security (Netpoleon & Nozomi) |
| **4.00 pm – 4.30 pm** | *Tea break* |
| **4.30 pm – 5.15 pm** | Q&A |
| **5.15 pm – 5.30 pm** | Photo & Networking |
| **5.30pm** | End |