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REGISTRATION FORM

IEM, ISA, InstMC, IET, IEEE CSS Joint Seminar on Control & Automation
Date : 12TH MARCH 2020

No	Name(s)	M'ship No.	Grade	Fee (RM)*
SUB TOTAL				
ADD SST @6%				
Total Payable				

*Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be confirmed 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

CLOSING DATE: 8th MARCH 2020

"IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion". For intending participants who choose to 'walk in without prior registration', IEM SHALL NOT be responsible for any direct or consequential losses".



IEM, ISA, InstMC, IET, IEEE CSS Joint Seminar on Control & Automation

(Malaysia Automation & Control Alliance)

Organized by
Electrical Engineering Technical Division,
The Institution of Engineers, Malaysia

12TH MARCH 2020

Venue: Malakoff Auditorium, Ground Floor, Wisma IEM, PJ

Time: 8.30am – 5.30pm

Speakers:

- Ir. Johnson Tan, Institute of Measurement and Control (InstMC)
- Ir. V. R. Harindran, International Society of Automation (ISA)
- Assoc. Prof. Dr Mohd Hezri Fazalul Rahiman, IEEE Control Systems Society (CSS)
- Mr. Darren Tay, Nozomi Networks Asia Pacific
- Dr. Chua Wen-Shyan, Selangor Human Resource Development Centre (SHRDC)
- Dato' Ir. Wan Hassan Wan Mamat, Institute of Measurement and Control (InstMC)

BEM/IEM Approved CPD: 5 hours Ref. No.: IEM20/HQ/059/S

REGISTRATION FEES (SUBJECT TO 6% SST)

	ONLINE	NORMAL (Offline)
IEM Student Member	RM 150.00	RM 180.00
IEM Graduate Member	RM 250.00	RM 300.00
IEM Corporate Member / Joint-Organiser Member	RM 400.00	RM 450.00
Non-IEM Member / Non-Joint-Organiser Member	RM 700.00	RM 800.00

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

Nowadays, with the advancement of the technology, most of the process and activities has moved towards complete Automation. Real impact from the trend of IR4.0 will further change the way people work, response and adapt. Second wave on industry digitalization has shown the bigger scale of interconnection between human and machine.

Current scenario directly influences **the criticality and important of Automation, Instrumentation & Control Professional engineers with practicing certificate** to ensure the safety & Success of the nation towards modern society. This seminar will cover important aspect of process safety in industrial Control automation, Cybersecurity, Digitalization, Building Automation & Modern Process Control. These are important topics for **Automation, Control & Instrumentation Professional Engineers** deliver by **Malaysia Control & Automation Alliance**.

SPEAKER & MODERATOR BIODATA



Ir. V.R. Harindran, C.Eng is currently the **Head of Instrument & Control at the PETRONAS Refinery and Petrochemical Corporation (PRPC)**. He has 34 years of experience in the oil, gas and petrochemical industries, of which, the last 27 years were at PETRONAS. Prior to joining PRPC, he was the PETRONAS Group Technical Authority for Instrument & Control for 11 years. He holds a B.Sc in Electrical & Electronics Engineering, UK and M.Sc. in Technology Management, UK. He is a TUV certified Functional Safety Engineer. He is University Technology PETRONAS Adjunct Professor in the E&E Dept. He is also a Professional Engineer with Practicing Certificate with the BEM and a UK registered Chartered Engineer from the Institute of Measurement & Control. He is also the President of ISA, Malaysian Chapter.



Ir. Johnson Tan is currently the **Head of Application and Technology unit; Digital Industries; Siemens Malaysia Sdn Bhd.** driving new technologies and innovations as well as digitalization consulting services. He has more than 20 years of experiences in the field of instrumentation & controls, primarily in SCADA / DCS system design, programming, testing and commissioning, as well as project management works mainly in Water & Waste-Water Treatment plants, Facility Management Controls Systems in Semiconductor, Solar plants, District Cooling plants, Oleochemicals plants, Process Safety systems, Pharmaceutical plants, Petrochemicals as well as Oil & Gas. Other key roles include, technical marketing, business development, team management as well as profit and loss responsibility. Ir. Johnson Tan is a certified Chartered Engineer (Engineering Council U.K), as well as Professional Engineer with Practicing Certificate (Board of Engineers Malaysia) in the discipline of Instrumentation and Controls.



Assoc. Prof. Dr Mohd Hezri Fazalul Rahiman is an **Associate Professor from Universiti Teknologi MARA Shah Alam** since 2013. In between 2010 and 2012, he undergone his practical training at Pejabat Pembangunan UiTM and Megajati Consult Sdn. Bhd. as an Electrical Engineer. He received his first bachelor's degree from Universiti Teknologi Malaysia in 2000 with specialisation in Instrumentation and Control. Later he received his master's degree in 2002 from the same university with specialisation in Process Tomography. In 2009, he received his Doctoral Degree with specialisation in System Identification. He is a Senior Member of IEEE and has been actively involved with IEEE Malaysia Section for 17 years. Currently he served as a Committee Member in the Control System Chapter. Under this chapter, he is an active committee member of several annually organised conferences such as CSPA, ICSGRC, ICSET, ICSPC and I2CACIS.



Mr Daren Tay is a **Regional Technical Manager for Nozomi Networks Asia Pacific**. In the past 8 years, he has been involved in various technology start-ups in the field of network security and has been directly involved in driving business growth and disseminating technology. Daren has engaged with clients in different industries and with a variety of users in different identities, from field personnel to decision-makers, and he has been working with organizations to address cybersecurity challenges-how to connect security to business. As a skilled technical expert, Daren works closely with organizations to address their cybersecurity challenges and needs. He understands the different business cultures and economic landscapes throughout the Asia-Pacific region.



Dr. Chua Wen-Shyan is currently the **Head of Malaysian Smart Factory 4.0 (MSF 4.0) under the Selangor Human Resource Development Centre (SHRDC)**. He obtained his Ph.D. in Control Systems Engineering and B.Eng. in Mechatronics Engineering from Monash University Malaysia. His key area of expertise lies mainly in the area of Control and Automation Systems, Fault Detection and Identification (FDI), and Predictive Maintenance Strategies; which are widely used in Industry 4.0 applications. He is actively involved in the IET Control and Automation Technical Professional Network as a committee member and have organized various technical sessions for the community under the theme of control and automation for Industry 4.0. He is also an active member of the Industry Advisory Panel (IAP) of Monash University Malaysia in the Mechatronics Engineering Department.



Dato' Ir. Wan Hassan has been in the **oil and gas industry** for more than 35 years by being in senior management team and technical authority prior to retirement from **PETRONAS**. He is now serving as a freelance Consultant. He served as Board Member and Vice-Chairman of an international oil and gas industry association namely POSC-Caesar Association (PCA) which office was in Norway from 2007 to 2011, actively promoted "Data Interoperability" and leading development and maintenance of ISO related Standards. Introduced concept of Integrated Operations (IO) to Malaysia Oil and Gas Industry. Dato' Wan is a Chairman of Malaysia Section, Institute of Measurement and Control UK. A Chartered Engineer registered with Engineering Council United Kingdom and a Malaysian Professional Engineer with Practicing Certificate registered with Board of Engineers Malaysia.

TENTATIVE PROGRAMME

8:30 – 9:00	Registration and arrival of participants
9:00 – 9:15	Opening Remark by IEM
9:15 – 10:15	Process Safety in Industrial Control Automation by Ir. V.R. Harindran
10:15 – 10:30	Morning Break
10:30 – 11:30	Digitalization in Automation & Controls by Ir. Johnson Tan
11:30 – 12:30	Today's Industrial Network Cyber Security Challenges over Safety concerns by Mr. Darren Tay
12:30 – 14:00	Lunch
14:00 – 15:00	Smart Factory Automation: Open Collaboration and Integration-based Concept by Dr. Chua Wen-Shyan
15:00 – 16:00	Current Research Trend in Process Control by Assoc. Prof. Dr Mohd Hezri Fazalul Rahiman
16:00 – 17:00	Panel Discussion – by ISA, InstMC, IET C&A TN, IEM & IEEE CSS "The Important of Automation, Control & Instrumentation Professionals Engineer with Practicing Certificate to Ensure safety & success of the Nation towards Modern Society" Moderator: Dato' Ir. Wan Hassan Wan Mamat, Chairman, Institute of Measurement and Control (InstMC) Malaysia Chapter
17:30	End of Seminar

Terms & Conditions:

- For **ONLINE REGISTRATIONS**, only **ONLINE PAYMENT** is applicable [via RHB and Maybank2u –Personal Saving & Personal Current; Credit Card - Visa/Master].
- Payment via **CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN** will be considered as **NORMAL REGISTRATION**.
- **FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full.
- Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible to avoid disappointment.

PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.