

Forum on “Is Engineering Still Cool”

Jointly Organized By: **IEM Business Club (a Sub Committee of Standing Committee on Welfare and Service Matters) & Women Engineers Section, IEM**

BEM Approved CPD/PDP Hours: 3 Ref No: IEM17/HQ/032/F

Date : 18 FEBRUARY 2017 (SATURDAY)
Time : 9.00AM – 1.30PM (REFRESHMENT WILL BE SERVED AT 8.30AM)
Venue : TAN SRI PROF. CHIN FUNG KEE, AUDITORIUM, 3RD FLOOR, WISMA IEM, PJ
**Speaker : Ir. ELLIAS BIN SAIDIN, Ir. PUVANESAN MARIAPPAN, Ir. TAN LOO YEN,
Ms. MICHELLE LAU CHUI CHUI, Ms. TAN CHAU LING & Mr. TAN KHAI PING**

SYNOPSIS

Close your eyes and picture an engineer! Engineers are making some of the biggest advances in our society, solving global warming, making medical breakthroughs and some of the biggest technologies that are changing our lives every day. So, did you picture a male or a female engineer?

Is engineering a “dirty, greasy and manual” career? Are engineers boring, uncreative and unglamorous?

Do you think engineers work harder than their marketing or finance majors’ friends?

Gen Z wants jobs that are cool, fun and exciting! Gen X prefers to overwork and underpaid? Is that true?

Is it “cool” to be an engineer? Let’s hear the views from the Millennials, Gen X, Y and Z! Explore the possibilities on how we can best work together to advance the engineering profession by attending this forum where we have brought together 3 male engineers and 3 female engineers from different generations to share us their perspective. How can the engineering profession ensure that it attracts and retains members of the younger generations? By understanding their motivations, strengths, and weaknesses, as well as the sources of those traits.

ABOUT THE PANEL SPEAKERS

Ir. Elias Saidin graduated in 1980 from the University of Tasmania with a Bachelor Degree in Civil Engineering. He holds a Master’s Degree in Environmental Engineering from University Putra Malaysia. He is a registered Professional Engineer, Chairman of Standing Committee on Welfare & Service Matters & Sub-Committee on IEM Relief, IEM; Immediate Past President of ENSEARCH Malaysia and Member of the Malaysian Water Association (MWA) and International Rainwater Catchment Systems Association (IRCSA)

Ir. Puvanesan Mariappan obtained his B.Eng. (Hons) Mechanical from Multimedia University, Malaysia (2007) and MBA from Victoria University, Australia (2011). He has been in the building services and oil & gas industry as a mechanical/ piping engineer for over 8 years, experiencing in engineering design of various offshore and onshore building services mechanical system. Ir. Puvanesan Mariappan is a professional engineer registered with the Board of Engineers, Malaysia, member (IEng) of the Institution of Mechanical Engineers, UK.

Ir. Tan Loo Yen holds Degree in Electrical Power Engineering (Hons) from University of Tenaga Nasional, Malaysia (2006) and Master of Engineering in Electrical Power from Nanyang Technological Singapore (2011). She has technical experience in Electrical Engineering design, construction and project management. Her project includes Design and Build for Hospital project in Singapore- Novena Hospital, Data center for HSBC, Citibank, Circle Line - MRT infrastructure in Singapore and etc. Ir. Tan Loo Yen is currently a Project Manager in ABB Malaysia Sdn Bhd.

Mr. Tay Eng Chong graduated from Monash University with B. Eng. (Hons) in Electrical and Computer System Engineering (2013). He is a Co-Opted Member of IEM Young Engineers Section 2016/2017. He has 4 years of experience in Electrical and ELV design in building services, had worked as Electrical Engineer in M&E consultant firms for 4 years before joining in house electrical design team in a public listed developer firm recently.

Ms. Tan Chau Ling is a student member of IEM and an undergraduate student in the Mechanical Engineering program at Nilai University. Having a passion for self-motivation and martial arts, she is currently the secretary of Muay Thai Club, a combat sport of Thailand that uses stand-up striking along with various clinching techniques. She is also the event moderator of Scholars’ Club, a club specifically for those students who are receiving half or full scholarships from any government agencies, professional associations, corporations and advocacy groups.

Mr. Tan Khai Ping is an undergraduate student in Electrical and Electronics Engineering program at University of Tenaga Nasional, Malaysia. Aside academics, he is an active high committee member of Chinese Culture Society (CCS), a society that aims to promote and cultivate an awareness of Chinese culture the past three years. Tan also holds the position of event director, secretary, treasurer and head of sponsorship division in various events organizing committees. He is a dedicated team player with proven leadership and communications skills.

MODERATOR CUM SPEAKER

Ir. Mah Siew Kien holds a Master in Electrical, Electronic & Systems Engineering from Universiti Kebangsaan Malaysia. She has worked in several fields; manufacturing, product engineering, project management and IT consulting. She is currently a Principal Lecturer in Nilai University and actively supporting IEM Women Engineers Section.

Ir. Assoc. Prof Dr. Leong Wai Yie
Chairman

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ANNOUNCEMENTS TO NOTE:

- **Non members** may also attend the talk but will need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- 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.**

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- Student Members are however exempted.

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.

CPD HOURS CONFIRMATION

Name:

Membership No:

Signature: