

TALK ON “CAREER IN ENGINEERING”

Organised by the Engineering Education Technical Division, IEM in collaboration with Engineers Australia Malaysia Chapter (EAMC), and Institute of Mechanical Engineers Malaysia Branch (IMechE)
BEM Approved CPD/PDP: 2 hours Ref: IEM18/HQ/029/T

Date : **01 AUGUST 2018 (Wednesday)**
Time : **5.30 p.m. – 7.30 p.m.**
Venue : **C&S and TUS Lecturer Room, 2nd Floor Wisma IEM, Petaling Jaya, Selangor**
Speaker : **Ir. DR. LING CHEN HOE**

SYNOPSIS

Albert Einstein, one of the world's greatest scientists, hit the nail right on the head when he pondered the question 'what is Engineering?'. Engineers are continually shaping the future by applying their skills to almost everything you can think of, from medicine to renewable energy, food technologies to sustainable mining. There really is no limit to what engineers can do. Engineering is the application of scientific knowledge to solve problems in the real world. While science allows us to gain an understanding of the world around us, Engineering enables this understanding to come to life through problem solving for the betterment of society. The electronic device you are using to read this article was engineered from raw plastic, metal, silicon and lines of software code before being transformed into a usable device. Engineers can be distinguished from other professions by their ability to solve complex problems and implement solutions in cost effective and practical ways. This ability to face a problem, work through various thoughts, options and abstract ideas and then translating them into reality is what engineering is all about. This talk will look at the nature of engineering, the various different disciplines, roles, aspects, challenges engineers face as well as its prospects in employment today. Emerging trends that will significantly affect engineering in the near future will also be discussed.

SPEAKER BIODATA

Ir. Dr. LING Chen Hoe has been working with Meiden Malaysia, a company in the electrical engineering and construction industry in Malaysia since 1990. The company is a subsidiary of Meidensha Corporation, Japan (<http://www.meidensha.com/>) a manufacturer of electrical equipment and provider of electrical engineering products and services to both the private and public sectors in Malaysia. He is currently the Senior General Manager and Director of the company, with roles for Business Development, Strategic Planning and overseeing of the Engineering and Corporate Departments of the company. Dr Ling obtained his Bachelor's Degree in Electrical Engineering, RMIT University, Melbourne, Australia in year 1989. He holds a MBA from the University of Lincoln, United Kingdom (2003) and obtained his Doctorate in Business Administration (DBA) in 2015 from SEGi University, Malaysia. He is also a certified Chartered Professional Engineer of Australia, a Competent Engineer (33kV,132kV) & Professional Engineer in Malaysia. Dr Ling also serves part-time in various universities' programs, namely in the engineering faculty and post-graduate business management studies.



Ir. Assoc. Prof. Dr. Mandeep Singh
Chairman
Engineering Education Technical Division
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ANNOUNCEMENT TO NOTE

FEES

(Effective 1st October 2017)

Members

Registration Fee : FOC
Administrative Fee:

Online RM15
Walk In RM20

Non-Members

Registration Fee : RM50
Administrative Fee: RM20

- 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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