



The Institution of Engineers, Malaysia

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TALK ON 5G MOBILE NETWORKS: TECHNOLOGIES, STANDARDS AND APPLICATIONS

(Organised by Electrical Engineering, Technical Division, IEM)

Date : 7th July 2018 (Saturday)
Time : 9.00am – 11.00am (*Refreshments will be served at 8.30am*)
Venue : Malakoff Auditorium, Ground Floor, Wisma IEM, Petaling Jaya
Speaker : Ir Gan Tian Eng

SYNOPSIS

5th generation wireless systems, abbreviated 5G, are improved wireless network technologies scheduled for commercial deployment in 2020 and later. Claiming speeds of up to 100x that of 4G, 5G represents a quantum leap in the field of mobile telecommunications. Most major telco players have already hopped on to the 5G bandwagon. Lab and field trials are in progress while the standards are still evolving.

Some frequently asked questions include

- When will 5G really arrive?
- What does 5G promise to the ordinary mobile user?
- What will be the killer application/s for 5G?
- Will 5G make Wi-Fi obsolete?
- Will 5G make fibre obsolete?
- Does 5G mean network operators should avoid investment in LTE (4G) technologies?
- Will there be a 6G?

The talk will include a brief history of mobile communications, the state-of-the-art technologies, the promise of the future and the challenges faced.

SPEAKERS' BIODATA

Ir Gan Tian Eng is a graduate in Electronic Engineering from the University of Liverpool UK. He has spent most of his career in the field of telecommunications, having worked for 5 network operators (TIME Telekom, MRCB Telekom, TM, Maxis and YTL Communications) and 5 telecommunications infrastructure vendors (Philips, Lucent, Alcatel, Samsung, ZTE).

He is a Member of IEM (MIEM) and a Professional Engineer (PEPC) with the Board of Engineers, Malaysia. He also serves actively in the Electrical Engineering Technical Division in IEM.

Ir. Chong Chew Fan
Chairman
Electrical Engineering Technical Division

**BEM Approved CPD/PDP Hours:
Applying**

FEE ANNOUNCEMENT
(Effective: 1st October 2017)

Members:

- (i) Registration Fee: No Charge
- (ii) Administrative Fee:
 - (a) Online RM15
 - (b) Walk-In RM20

Non-Members:

- (i) Registration Fee: RM50
- (ii) 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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