

TALK ON MEDICAL IMAGING - BASIC GENERAL X-RAY AND CT SCANNER

(Organised by Electrical Engineering, Technical Division, IEM)

Date : 4th August 2018 (Saturday)
Time : 11.00am – 1.00pm (*Refreshments will be served at 10.30am*)
Venue : Malakoff Auditorium, Ground Floor, Wisma IEM, Petaling Jaya
Speaker : Mr. Bong Wee Thian

SYNOPSIS

The eclectic story of medical imaging began when Wilhelm Röntgen discovered the X-ray in 1895. The characteristic of X-ray that could penetrate a human body to create a 'picture' of the interior body has changed medical practice for clinical analysis and medical intervention ever since. The use of X-rays in clinical potential was instantly recognized and evolved into advance techniques that developed into X-ray imaging system like General X-ray system, CT Scanner, fluoroscopy, angiography and mammography system.

This talk will encompass the history, theory and technology of general X-ray and CT Scanner system with emphasis on the topics below:-

- History of X-ray
- Basic X-ray
- X-ray production
- Medical use of X-ray
- General X-ray system
- History/Generation of CT Scanner
- Basic CT Scanner
- CT Scanner System

SPEAKER'S BIODATA

Mr. Bong Wee Thian has over 20 years of working experience especially in medical system and equipment. He has a degree in Electronic Engineering graduated in 2002. Some of Mr. Bong's achievement were project managing and designed equipment requirements, layout and implementation of Hospital University Sains Malaysia- CT Scanner system, KPJ Pahang Medical centre- MRI, CT Scanner, Angiography system and General X-ray system. Currently he is the Senior Manager, Sales Division of Canon Medical Systems Malaysia Sdn Bhd. He is a graduate member of the Institution of Engineers Malaysia.

Ir. Chong Chew Fan
Chairman
Electrical Engineering Technical Division

BEM Approved CPD/PDP Hours: 2
Ref. No. : IEM18/HQ/277/T

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

Personal Data Protection Act:

I have read and understood IEM's Personal Data Protection Notice published on IEM's website at www.myiem.org.my and I agree to IEM's use and processing of my personal data.

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