



THE INSTITUTION OF ENGINEERS, MALAYSIA

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HALF DAY SEMINAR ON "EFFECTS OF HARMONICS AND RFI EMISSION ON POWER QUALITY"

(Organised by Electrical Engineering Technical Division, IEM)

Date:	30 th October 2014 (Thursday)
Time:	9.00am to 1.00pm
Venue:	Tan Sri Prof. Chin Fung Kee Auditorium, 3 rd Flr Wisma IEM, Petaling Jaya

BEM APPROVED CPD/PDP HOURS: 3 Ref No: IEM14/HQ/318/S

SYNOPSIS

The purpose of this course is to describe the EMC problematic normally found in the automation, with reference to harmonic emission, RFI emission, motor protection, surge protection. The course will include the description of the international standards, the different solution for solving EMC problems with several example of practical applications.

SPEAKER'S BIODATA

Stefano Bertone, Electronic Engineering, graduated from University POLITECNICO of Turin (ITALY) in 1994. He started to work in 1995 in the company PMM (Italian manufacturer of EMC instruments and Competent Body for the EMC directive). In PMM was for three years manager of the EMC laboratories and also part of the Italian committee for the EMC standards (77A and 77B). After this became pre and post sale support manager, in charge to manage also all the training and the EMC course for the customers. In the 1999 joined the FINMOTOR group as Manager of the EMC laboratory FINLAB. In the 2003 joined FINMOTOR as technical manager for the products, in charge to develop new products like RFI filters, Passive and active Harmonic filters, high frequency reactors, MRI filters; support the sales network with training and courses, follow the international standards as for example the UL approval of the products. Part of the job was also to prepare many EMC seminars for the customers in different area of Italy. In the 2007 started to develop the international market with the brand ENERDOOR, including the startup of the subsidiaries in Switzerland, Germany and USA. For this activity prepared several seminars in these countries for the sales network and for the customers relating to EMC, Harmonics and power quality.

Tentative

0830-0845	Registration
0850-0900	Welcome Speech by Session Chairman
0900-0945	Harmonics - What is harmonics <ul style="list-style-type: none"> • Effects of harmonics on power quality • Standards, Possible solutions, Passive filters & Active filters
10.00-10.15am	Coffee/Tea Break
10.15-11.00am	EMC Source of disturbance <ul style="list-style-type: none"> • EMC Regulations / Standards • RFI filters application • EMC applications in cabinets • Effect on motors life / Output filters / Sinus filters
11.00-11.45am	POWER QUALITY <ul style="list-style-type: none"> • Voltage stabilisers / Surge protection
11.45 - 12.15pm	Q & A Session
1215-0100pm	Lunch

REGISTRATION FEES

IEM Student Member	RM 70.00 (online)	RM 80.00 (normal)
IEM Graduate Member	RM 150.00 (Online)	RM 180.00 (Normal)
IEM Corporate Member	RM 200.00 (online)	RM 230.00 (normal)
Non IEM Member	RM 300.00 (online)	RM 330.00 (normal)

IMPORTANT NOTES

Closing Date : **25th October 2014 (Friday)**,
For **ONLINE REGISTRATION** payment **MUST BE MADE VIA ONLINE PAYMENT** [via RHB Now and Maybank2u -Personal Saving & Personal Current; Any Credit Card - Visa/Master]. If payment is not received within the stipulated time, the registration fee will automatically be reverted to the normal fee.

Payment via **CASH/CHEQUE/BANK-IN TRANSMISSION/BANK DRAFT/MONEY ORDER/ POSTAL ORDER/LOU/LOG/WALK -IN** will be considered as **NORMAL REGISTRATION**

For online registrations, please note that payment **MUST** be made before the closing date at the latest.

FULL PAYMENT must be settled before commencement of the event, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non-refundable. IEM reserve the right to reject any LOU/LOG not in accordance with these instructions.

The Organising Committee reserves the right to alter or change the programme 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 so as to avoid disappointment.

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

Ir. Lam SING YEW
Chairman,
Electrical Engineering Technical Division

REPLY SLIP (FAX TO : 03-7957 7678)

HALF DAY SEMINAR ON "EFFECTS OF HARMONICS AND RFI EMISSION ON POWER QUALITY"

Chairman, Electrical Engineering Technical Division, IEM

I/We wish to enroll the following person(s) to the Seminar on **30th October 2014 (Thursday)**

NAME(S)	MEMBERSHIP NO.	GRADE	REGISTRATION FEES
TOTAL RM			

Enclosed herewith a cash/crossed cheque/bank draft/money order No. for the amount of RM issued in favour of "The Institution of Engineers, Malaysia" account and crossed "A/C Payee only". I/We understand that the fee is not refundable if I/we withdraw after my/our application is/are accepted by the Organising Committee but substitution of participants will be allowed. If I/we fail to attend the Course, I/we will still settle the registration fee in full.

Contact Person : _____

Designation : _____

Organisation : _____

Tel no. : _____

Address : _____

Fax no. : _____

Handphone : _____

Email : _____

Signature : _____

Date : _____