REGISTRATION FORM
Tel: 03-7968 4001 Fax: 03-7957 7678 Email: ruhaida@iem.org.my
Website: www.myiem.org.my

Name(s)	Membership No. / Grade	Fees (RM)
Total Amount Payable		

Company:_____

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(Please write clearly as the "Information Update will be sent via email)
Contact Person:_____ Designation:_____

Signature:_____ Date:_____

PAYMENT DETAILS

☐ Cash RM_____

☐ Cheque no. _____ for the amount of RM _____
(non-refundable) and made payable to "**THE INSTITUTION OF ENGINEERS, MALAYSIA**" and crossed '**A/C Payee Only".**

Terms & Conditions:

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u –Personal Saving & Personal Current ; Credit Card - Visa/Master.
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- For online registrations, please note that **payment MUST be made "ONLINE" before the closing date**. If payment is not received and verified within the stipulated time, the registration fee will be reverted to the normal registration fee.
- **FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail 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. Registration fee includes lecture notes, refreshment and lunches.
- The Organizing Committee reserves the right to cancel, alter, or change the program 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.

HALF DAY SEMINAR ON "THE EVOLUTION OF THE AUTOMATIC TRANSFER SWITCH DESIGN ARCHITECTURE"

By

MR. ROLAND FLAGEOLLET

13th JUNE 2013 (Thursday)
1.00 pm – 8.30 pm

Venue:
Hilton Hotel, Petaling Jaya

REGISTRATION FEES

Grade	Normal Fee	Online Fee
IEM Member	RM 100.00	RM 80.00
Non IEM Member	RM200.00	RM 180.00

Limited to 100 Participants only and Dinner is inclusive.

Closing Date: 7 June 2013

BEM Approved CPD/PDP Hours: 4
Ref. No.: IEM13/HQ/101/S

Organised by:
Building Services Technical Division,
The Institution of Engineers, Malaysia

Sponsored By:

socomec
Innovative Power Solutions

CONTROLS SWITCHGEAR

SYNOPSIS

A **transfer switch** is an electrical switch that switches a load between two sources. An Automatic Transfer Switch (ATS) is often installed where a backup source may provide temporary electrical power if the utility source fails.

Present practices in LV network design use commonly the circuit breakers (CB) for almost all functions: protection, switching, transfer, control. This trend has come years ago under the pressure of manufacturers surfing on the successful wave of replacement of the fuses by the CBs. This practice has led to situations where the essential function of the CB (the protection with a proper selectivity) has been hidden with a consequence of a reduced reliability, missing selectivity and increased costs.

The goal of this seminar is to highlight these drifts through a practical example involving protection and transfer in LV networks and how to reconnect with the initial principle of design. All aspects are addressed: architecture, reliability, selectivity, cost. Real cases of Single Line Diagram (SLD) are analyzed. Alternative solutions are given using the modern switching techniques.

BENEFITS

This course is suitable for experienced engineers who intend to:

- Understand the differences of Transfer switch equipment and industry application.
- Optimize their design of SLDs by using the modern techniques available now and used worldwide.
- Understand different solutions and flexibility of design without compromise the protection and reliability
- Estimate the cost impact and improvement to achieve cost saving.
- Case study on real case scenario and appreciate the functionality impact

BIODATA OF THE SPEAKER: ROLAND FLAGEOLLET

Business Development Manager – Asia Pacific region - Socomec
Roland developed a broad knowledge of all electrical and control issues across his career since 1975.
His field of expertise are on LV networks and switchgears, process control, IT systems, Energy management, reliability, but also in B2B marketing, R&D & project management.

He accumulated his experience in worldwide companies like Thomson CSF (5y), Schneider Electric (25y), Socomec (6y), in various locations in Europe and Asia, in development projects, R&D, engineering and marketing.

He is currently working in Socomec Asia to develop the practice and methods of specification with consultants and end users as well as to be Business Development Manager for the main Socomec activity in the area (Power Control & Switching). Before this posting, he set up the R&D centre of Socomec in India on 4,5 years of a strenuous but rich experience.

LinkedIn him: http://sg.linkedin.com/pub/flageollet-roland/5/27a/315

An important part of his present activity is to give seminars on high level topics all around Asia & India to consultants and end users. His present specific topic of interest is the optimization of electrical networks on the scope of Protection, Transfer and Control. Topics as various as protection optimization, reliability of the systems using RBD technique, sync panels, metering architectures are addressed during his seminars.

TENTATIVE PROGRAMME	
01.00pm – 02.00pm	Registration
02.00pm – 02.15pm	Opening Speech & Introduction of Background
02.15pm – 03.30pm	Introduction to Protection and Reliability concepts (used later in the seminar – Discussion)
03.30pm – 03.45pm	Tea Break
03.45pm – 05.30pm	Protection, reliability, safety, maintainability and costs analysis on two architectures for Protection, Transfer and control of a LV network.
	Case Study of the panel implementations and costs of 7 variants of 1250 A architectures for Protection & Transfer (2 standard architectures CB based with 1 & 2 busbars and their 5 equivalent PC based)
05.30pm – 06.00pm	Question & Demo
06.00pm – 08.30pm	Dinner & Networking **(inclusive)**