



Electrical Engineering Technical Division
The Institution of Engineers,
Malaysia

IIEC 2015

<http://iiec.org.my>

IET The Institution of
Engineering and Technology

**The Institution of Engineers, Malaysia (IEM) and
The Institution of Engineering and Technology (IET), Malaysia
Electrical Conference 2015**

BEM Approved CPD/PDP Hours : 6 Hours
Ref No : IEM15/HQ/398/T (30th Nov 2015)
BEM Approved CPD/PDP Hours : 11.5 Hours
Ref No IEM15/HQ/399/C (1st & 2nd Dec 2015)

**“Safe, Smart and
Innovative Development
in Power Systems”**

30 November - 2 December 2015
Sime Darby Convention Centre,
Kuala Lumpur, Malaysia

Supported by:



Sponsored by:



Organising Committee of IIEC 2015

c/o The Institution of Engineers, Malaysia

Bangunan Ingenieur, Lots 60 & 62, Jalan 52/4, 46720 Petaling Jaya, Selangor Darul Ehsan, Malaysia

Tel: +603-79684001/4002 Fax: +603-79577678 Website: www.myiem.org.my

Email: roselein@iem.org.my, Official Website: <http://iiec.org.my>

THE CONFERENCE

The Electrical Engineering Technical Division of The Institution of Engineers, Malaysia (IEM EETD) & The Institution of Engineering and Technology, Malaysia (IET) is jointly organizing an international conference with the theme, "SAFE, SMART AND INNOVATIVE DEVELOPMENT IN POWER SYSTEMS" from 31st November to 2nd December 2015.

Who should attend?

This conference is aimed at providing a forum for practicing professionals – Engineers, Consultants, Contractors, Technologists, Researchers, Academicians, Manufacturers, Architects, Quantity Surveyors, Building Owners/Developers, Green Building Professionals (i.e. GBI Facilitators, LEED Aps, Green Mark Professionals, etc), Government Bodies, Construction/Project Managers, Facility Management Personnel's & Planners.

Exhibition

A Technical Exhibition will be organized as an integral part of the conference. Project experience, design solutions, and application of sustainable solutions for energy utilization focusing on technology and state-of-the-art information will be highlighted.

PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

TENTATIVE CONFERENCE PROGRAMME

30th NOV 2015	TUTORIAL
8.30 am	Registration
9.00 am	Tutorial – Motor & Drives – Associate Professor Ir. Dr. Gobbi Ramasamy, MMU
10.30am	Tea Break
11.00am	Tutorial – Smart Grid No. 1 – Prof Ir. Dr. Hew Wooi Ping, UMPEDAC
1.00pm	Lunch
2.00pm	Tutorial – “Common Electrical Design Issues - Hong Kong Perspective ” Ir. Thomas KC Chan, Vice President Of Institution Of Engineers, Hong Kong
3.30pm	Tea Break
4.00pm	Tutorial – Renewable Energy. Ir. Mohd Zamri Laton , Deputy Director (FIT Division), SEDA
5.00pm	Tutorial End
1st DEC 2015	(DAY 1)
8.00 am	Registration
9.00 am	Welcoming Address by Dato’ Ir. Lim Chow Hock, IEM President The Institution Of Engineers, Malaysia
9.15 am	Welcoming Address by Ir. Dr. Matthew Teow (IET Malaysia Network, Chairman)
9.30 am	Token of Appreciation to Sponsors and VVIPs Visit to Exhibition Booth by VVIP , followed by Press Conference Refreshment
10.00 am	KEY NOTE ADDRESS 1: Electrical Safety in Malaysia - Datuk Ir. Ahmad Fauzi Bin Hasan, Chief Executive Officer, Energy Commission Malaysia
10.30 am	SUB-THEME: ELECTRICAL SAFETY - Session Chairman – Ir. Lee Kok Chong, Past Chairman of IEM EETD
11.00 am	Earthing and Lightning Protection Installations - Dato’ Jimmy Lim, CEO Tokai Engineering (M) Sdn Bhd
11:30 am	Electrical Safety from Regulatory Perspective (ST) – En. Mohd Elmi Bin Anas, Director Energy Management and Industry Development Department, Energy Commission Malaysia
12.00 pm	Household Electrical Protection – Ir. Dahari Mat Siran, Hager Engineering (M) Sdn Bhd.
12.30 pm	Q & A
12.40pm	Lunch

2.00 pm	KEY NOTE ADDRESS 2: Electrical Distribution System In Malaysia, Datuk Ir Baharin Din, Vice President TNB (Distribution)
	SUB-THEME: ENERGY EFFICIENCY AND MANAGEMENT - Session Chairman – Ir. Lam Sing Yew
2.30 pm	Energy Performance Contract Roadmap (ST) – Ir. Abdul Rahim Bin Ibrahim, Director of Energy Management Development and Service Quality Department, Energy Commission Malaysia
3.00 pm	Profiling Energy Use in Buildings - Ir. Ahmad Izdihar, Malaysia Green Building Confederation
3.30 pm	Motor Efficiencies – Mr. Toni M Niemi, ABB Malaysia Sdn Bhd
4.00 pm	Are the Electric Motors Industry helping the World GDP Efficiency?- Mr. Siegfried Krentzfel, President of Weg Asia Market
4.30 pm	Q & A
	SUB-THEME: ELECTRICAL INSTALLATION CODES AND STANDARDS - Session Chairman – Ir. Rocky HT Wong
4.40 pm	“Electrical Installation Guidelines – Hong Kong Perspective ” – Ir. Thomas KC Chan, Vice President Of Institution Of Engineers, Hong Kong
5.10 pm	Overview of the latest Malaysian Standards MS1979 & 1936 – Ir. KT Lim, IEM
5.40 pm	Electrical Installation Inspection Guidelines – Ir. Francis Xavier Jacob, Chairman of IEM EETD Working Group on AEI For
6.10 pm	Electrical Installation Inspection.
6.20pm	Q & A
2nd DEC 2015	(DAY 2)
9.00 am	KEY NOTE ADDRESS 3: Educating Engineers as Trend Setters and Problem Solvers, Ir. Professor Academician Dato’ Dr. Chuah Hean Teik, President and CEO of Universiti Tunku Abdul Rahman (UTAR)
	SUB-THEME: ELECTRICAL ENGINEERING EDUCATION – Session Chairman – Ir. Dr. Matthew Teow
9.30 am	From Malaysia Perspective – Prof. Dato’ Ir. Dr Wan Hamidon, Director of Engineering Accreditation Council (EAC)
10.00 am	Role of DSM in Educating Electrical Engineers In Standardization – En. Ridzwan Kassim, Senior Director (Standardisation), Standards Malaysia
10.30 am	Q & A
10.40 am	Refreshment
	SUB-THEME: NEW FRONTIERS IN POWER ENGINEERING - Session Chairman – Ir. Chew Shue Fuee
11.10 am	Electric Vehicle Roadmap in Malaysia – En. Mohamed Azrin Mohamed Ali, VP of Green Catalyst Greentech Malaysia
11.50 am	HVDC Technology – Malaysia (TNB) Experience, Future Development and Challenges– En. Shyful Bahrin Ismail, Technical Committee On High Voltage Power Transmission (HVPT)
12.10 am	Railway Electrification – Ir. Dr. Amir Basha, Minconsult Sdn Bhd
12.40 pm	Q & A
12.50 pm	LUNCH
	SUB-THEME: RENEWABLE ENERGY - Session Chairman – Prof. Ir. Dr. Vigna Kumaran
2.00 pm	Wind Turbine Integration in Malaysia - Mr. Thariq Husni
2.30 pm	Future Trends in Solar PV – Mr. Thomas Rendl
2.00 pm	Latest Development on Mini Hydro - Ir. Khor Chai Huat, Angkasa Consulting Engineers
3.30 pm	Ocean Thermal Energy - H2 Fuel Cell In The RE Mix For Power Generation – Dato’ Ir. Prof. Dr. Abu Bakar Jaafar, Co-Chair, UTM Ocean Thermal Energy Centre
4.00 pm	TNB Renewable Energy Guidelines – En. Sansubari Che Mud – TNBD (Renewable Energy)
4.30 pm	Q & A

Conference Registration Fees: (GST Not Included)

	*Online(RM)	Normal(RM)
<u>Tutorial Only</u>		
IEM/IET Student Members	RM60	RM70
IEM/IET & Supporting Organization Members (& any Other Grades)	RM220	RM270
Non Members	RM320	RM370
<u>Conference Only</u>		
IEM/IET Student Members	RM160	RM180
IEM/IET & Supporting Organization Members (& any Other Grades)	RM450	RM500
Non Members	RM550	RM600
<u>(Tutorial+Conference)</u>		
IEM/IET Student Members	RM200	RM250
IEM/IET & Supporting Organization Members (& any Other Grades)	RM570	RM670
Non Members	RM770	RM870

IIEC 2015 – Registration Form

No	Name (s)	M'ship No.	Grade	Fee (RM)*
SUBTOTAL				
ADD GST@6%				
Total Payable				

Additional Information required – please tick if applicable

I am a vegetarian

Organization : _____

Address : _____

Mobile No. : _____ Tel No.: _____ Fax No. _____

Email : _____

Please write clearly as the confirmation letter will be sent via email

Contact Person: _____ Designation: _____

Signature: _____ Date: _____

PAYMENT DETAILS

Enclosed herewith a crossed cheque No _____ for the sum of RM _____ issued in favour of

“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.
- 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.
- Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- 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.