



**The Institution of Engineers, Malaysia (IEM) &
The Institution of Engineering and Technology (IET) - Malaysia
Energy Conference 2011
10 – 12 October 2011
Palace of the Golden Horses, Kuala Lumpur, Malaysia**

"Sustainable Solutions for Energy Utilization"

Official Opening by



**Y.B. Senator Dato' Ir. Donald
Lim Siang Chai**
Deputy Minister of Finance, Malaysia

BEM Approved CPD/PDP Hours:
Tutorial : 6.5 (IEM11/HQ/257/T)
Conference : 14 (IEM11/HQ/258/C)

Keynote Speakers



Datuk Loo Took Gee
Secretary General, Ministry of Energy,
Green Technology and Water,
Malaysia



Prof. John Loughhead
FREng FCGI OBE,
Past President, IET



Dato Ir Azman Bin Mohd
Chief Operating Officer,
Tenaga Nasional Berhad,
Malaysia



Ar Von Kok Leong
President,
Malaysia Green Building
Confederation, Malaysia



Ir Ahmad Fauzi bin Hasan
CEO,
Energy Commission Malaysia

Plenary Speakers



Dr Eric Roberts
United Kingdom



Ir Lee Keh Sai
Singapore



**Dr Ir Herman
Darnel**
Indonesia



**Dr Tilak
Siyambalapatiya**
Sri Lanka



Dr Paul Casey
United Kingdom



Matthias Gelber
Germany



**Ir. Al-Khairi Mohd
Daud**
Malaysia



**Ar Sarly Adre
Sarkum**
Malaysia



Anthony J. Jude
Asian Development Bank



Dr Volker Pickert
United Kingdom



**Dr Douglas
Henderson**
United Kingdom



Allen Chen
Taiwan



BK Sinha
Malaysia



Baptiste Kervyn
Malaysia



Ir Ali Askar
Malaysia



Bernard Lee
Singapore



Richard KL Tu
Taiwan



SU, Jin-Sheng
Taiwan



Daniel Wang
Taiwan



Roger Chia
Singapore



Ir J. Thirukumaran
Malaysia



Chih-Chien Liang
Taiwan



Kuo Tzueen-Liang
Taiwan



Dr Gary Chang
Taiwan

Supported by:



Chinese Institute of Engineers (CIE), Taiwan



Sponsored by:



Please visit www.iiec2011.com for more information

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, "SUSTAINABLE SOLUTIONS FOR ENERGY UTILIZATION" from 10th to 12th October 2011.

Who should attend?

This conference is aimed at providing a forum for practicing professionals – engineers, consultants, contractors, technologists, researchers, academicians, manufacturers

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.

TENTATIVE CONFERENCE PROGRAMME

10 OCT 2011	Tutorial <ul style="list-style-type: none"> • Dr Douglas Henderson, Nottingham, United Kingdom Renewable based Distributed Generation Systems • Dr Volker Pickert, Newcastle University, United Kingdom Green Technologies for Transportation System
11 OCT 2011	(DAY 1) Registration 8.00 am 9.00 am Welcoming Address by Ir. Vincent Chen, IEM President 9.10 am Opening Address by YB Senator Dato' Ir. Donald Lim, Deputy Minister of Finance 9.30 am KEY NOTE 1: Prof John Loughhead <small>FREng FCGI OBE, IET Past President & Executive Director, UK Energy Research Centre</small> 10.00 am Launch of Exhibition Centre by YB Senator Dato' Ir. Donald Lim 10.30 am THEME: ENERGY EFFICIENCY IN BUILDINGS (CHAIRMAN: Ir. CHEN TIAM LEONG) KEY NOTE ADDRESS 2: Ir. Ahmad Fauzi Bin Hasan, CEO, Suruhanjaya Tenaga 11.00 am Dr Paul Casey 11.20 am Dr Eric Roberts, <i>Building Information and Energy Modelling</i> 11.40 am Mr. BK Sinha, <i>Carbon Trading</i> 12.00 pm Ar. Sarly Adre bin Sarkum, <i>Showcase of a GBI-certified project</i> 12.20 pm Mr. Daniel Wang, <i>Leading Techniques for Energy Savings in Commercial Office Buildings</i> 12.40 pm LUNCH 2.30 pm THEME: ENERGY POLICY (CHAIRMAN: Ir. MAH SOO) KEY NOTE ADDRESS 3: Datuk Loo Took Gee, Secretary General KETTHA 3.00 pm Dr Ir Herman Darnel Ibrahim, Indonesia, <i>Low Carbon Energy Development</i> 3.20 pm Mr. Su Jin-Sheng, Taiwan, <i>Development of Green Energy Industry in Taiwan</i> 3.40 pm Dr Tilak Siyambalapitiya, Sri Lanka, <i>Energy policies in Sri Lanka and Sri Lanka's energy direction</i> 4.00 pm Q & A 4.15 pm Refreshment 4.30 pm THEME: ENERGY AND RESOURCE MANAGEMENT (CHAIRMAN: Ir. FRANCIS XAVIER JACOB) Dr Douglas Henderson, United Kingdom, <i>UK/Scottish Energy Policies</i> 4.50 pm Ir. Al-Khairi Mohd Daud, Malaysia, <i>ASEAN Energy Management Scheme (AEMAS) for sustainable energy management: Malaysian experience</i> 5.10 pm Mr. Kuo Tzueen-Liang, <i>Hot Water Heat Pump System</i> 5.30 pm Dr Gary Chang, <i>Development & Application of Advanced Power Quality Measurement Techniques – Smart Grid</i> 5.50 pm Q & A

TENTATIVE CONFERENCE PROGRAMME

12 OCT 2011

(DAY 2)

9.00 am

THEME: GREEN DEVELOPMENT (CHAIRMAN: IR. LOOI HIP PEU)

KEY NOTE ADDRESS 4: Ar. Von Kok Leong, OTTV and Passive Design, President, Malaysia Green Building Confederation

9.30 am

Mr. Matthias Gelber, *Paths Towards A Green Energy & Sustainability Revolution*

9.50 am

Ir. T.J. Thiru, *Green Development*

10.10 am

Mr. Richard KL Tu, *Build-in energy efficiency improvement in power distribution system design Aspect*

10.30 am

Q & A

10.45 am

Refreshment

THEME: ENERGY EFFICIENCY IN INDUSTRIES (CHAIRMAN: Ir. LAM SING YEW)

11.00 am

Mr. Chih-Chien Liang, *Power Quality Control in Taiwan Power Company*

11.20 am

Mr. Thomas Chan Kwok-Cheung, *What would expect in the quality of modern power supply systems in a world class city?*

11.40 am

Mr. Bernard Lee, *Eaton*

12.00 pm

Mr. Roger Chia, *Honeywell*

12.20 pm

Q & A

12.35 pm

LUNCH

2.30 pm

THEME: RENEWABLE ENERGY (CHAIRMAN: Ir. G.LALCHAND)

KEY NOTE ADDRESS 5: Dato' Ir Azman bin Mohd, Chief Operating Officer, TNB

2.50 pm

Mr. Baptiste Kervyn, *Potential of palm oil mills in Malaysia to generate green electricity - Case studies and perspectives*

3.10 pm

Mr. Anthony J. Jude, *Director Energy Division, Southeast Asia Department, Asian Development Bank – Funding for Energy Efficiency Projects*

3.30 pm

Ir. Ali Askar, *IEM Renewable Position Paper*

3.45 pm

Q & A

4.00 pm

Refreshments

THEME: ENERGY EFFICIENT MACHINES (CHAIRMAN: DATUK Ir. PROF. DR. OW CHEE SHENG)

4.15pm

Er Lee Keh Sai, Singapore, *Energy Savings Through Rational and Efficient Use of Electrical Energy with a Focus on Motor Driven Systems*

4.30 pm

Dr Volker Pickert, Newcastle University, United Kingdom *Latest development in Green Technology for transportation system*

4.45 pm

Mr. Thomas Chan Kwok-Cheung, *The present and potential future sustainability and renewable energy solutions in the building environment*

5.00 pm

Mr. Terence Lee, FM GLOBAL, *Safety and risks of large wind farms*

5.20 pm

Q & A

5.40 pm

CLOSING

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.

IIEC 2011 – Registration Form

Conference Registration Fees:

	*Online(RM)	Normal(RM)
Tutorial Only		
IEM/IET Student Members	RM60	RM70
IEM/IET & Supporting Organization Members	RM200	RM250
Non Members	RM300	RM350
Conference Only		
IEM/IET Student Members	RM160	RM180
IEM/IET & Supporting Organization Members	RM400	RM450
Non Members	RM500	RM550
(Tutorial+Conference)		
IEM/IET Student Members	RM200	RM250
IEM/IET & Supporting Organization Members	RM500	RM600
Non Members	RM700	RM800

Registration fees for the conference include full participation at the conference, a set of conference proceedings in CD, lunches, coffee breaks. Foreign participants are may pay the registration fees in Ringgit Malaysia or USD equivalent.

*For Online Registration, please log on to our website for further details.

Name(s)	Organization	Grade & M/ship No.	Fees (RM)
Total Amount 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’**.

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 conference, I/We will settle the registration in full.

All fees must be fully paid before the commencement of the conference, otherwise participants will not be allowed to enter the hall. Reservation/Booking by fax or email of intending participants are acceptable with payment being forwarded before the closing date. If a place is reserved and the intended participants failed to attend the conference on the date of the event, the fee is to be settled in full. The fee paid is non refundable. However substitution of participants(s) will be permitted with approval by IEM. In view of the limited places available, intending participants are advised to send their registration as early as possible so as to avoid disappointment.

Organising Committee of IIEC 2011

c/o The Institution of Engineers, Malaysia

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