



THE INSTITUTION OF ENGINEERS, MALAYSIA

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Talk on “Enhancing Engineering Competence to meet the National Energy Challenge.”

Jointly Organised by: the Electrical Engineering Technical Division, IEM & Energy Institute

BEM Approved CPD/PDP Hours: 2 Ref No: IEM16/HQ/035/T

Date : 25th February 2016 (Thursday)
Time : 5.30pm to 7.30pm (refreshments is served from 5.00pm onwards in 2nd Floor)
Venue : Tan Sri Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM
Speaker : Sarah Beacock FEI

SYNOPSIS

Drawing on **Our President** Dato' Ir Lim Chow Hock's last two Presidential addresses to IEM members for inspiration, this presentation considers the challenges of current low oil prices and how these impact on Malaysia's ambition for its National Economic Transformation Programme. Engineers are key elements of Malaysia's plans for transforming the economy and energy is a crucial part of the equation, both as an industry that supports the economy and the necessary infrastructure that will support the achievement of that ambition. How will long-term low oil prices affect the rate of innovation for renewables? How urgent is the low carbon future? And how can engineers contribute to these likely changes? The role of professional bodies like IEM and the Energy Institute provide a valuable link between universities, employers and the engineers themselves in contributing to the success of transformational projects. Engineers must extend their skills like never before and the energy question is the most testing area of those skills if the planet is to thrive.

BIODATA OF SPEAKER



Sarah Beacock BSc(Hons) FEI ACIS

Sarah is Skills and Capability Director at the Energy Institute and is responsible for the EI's membership, education, training, branches and international activities. She has a degree in Environmental Science, a Certificate in the Assessment and Accreditation of Prior Experiential Learning and is a Chartered Secretary.

Sarah has over 30 years' experience of operating assessment and accreditation schemes, mainly within examination bodies, professional institutions, universities and the commercial and financial services sectors. She began her working life with the RSA Examinations Board gaining valuable experience of competence based assessment schemes, then joined the Chartered Insurance Institute undertaking a variety of roles around assessment and vocational education. She spent four years engaged in a range of educational consultancy work for financial and HE institutions together with technical editorial work in financial and management subjects. Sarah joined the former Institute of Energy in 2002 and on its merger with the Institute of Petroleum became Professional Affairs Director where she sees her key role as being to deliver skilled energy professionals to the energy industry. In her more recent role she has taken on coordination of the EI's IT needs and also leads on the development of staff capability. The range of services and international scope of the EI has grown rapidly in the last three years and now include eight overseas branches of which Malaysia is one of four that has a permanent staff. Sarah has represented the BSI's Energy management standards committee on the European working group as UK expert on energy managers. She also sat on the World Energy Council's Human Resources Availability committee. Most recently she was a member of the Expert Panel that implemented the EU Directive on energy efficiency within the UK under the authority of the UK Government's Department of Energy and Climate Change. She regularly contributes articles and presentations on the topic of skills in energy.

Ir. Yau Chau Fong
Chairman

Electrical Engineering Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required).
- **Nonmembers** may also attend the talk but will need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- Members of affiliated organisations upon producing their membership cards will be exempted from paying registration fee. Administrative fee is nevertheless applicable.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are reminded to produce membership cards for confirmation of attendance (CPD purpose) failing which a fee of RM25 will be imposed. GST inclusive.

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

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.

CPD HOURS CONFIRMATION

Name:.....

Membership No:

Signature: