The Institution of Engineers, Malaysia

STRICTLY REGISTRATION AND PAYMENT VIA IEM ONLINE ONLY AND NO WALK-IN ALLOWED

ONE-DAY COURSE ON "OFFSHORE PLATFORM AND FACILITIES FOR EXPLORATION AND PRODUCTION INCLUDING STRUCTURAL HEALTH MONITORING FOR ASSET LIFE MONITORING"

SPEAKER :

Prof. Ir. Dr. Mohd Shahir Liew

Ir. Dr. Lim Eu Shawn

Date	:	**09 September 2020 (Wednesday)- Rescheduled from 30 April 2020**
Venue	:	**Auditorium Malakoff, Ground Floor, Wisma IEM, Petaling Jaya**
Time	:	**8.30 a.m. – 5.30 p.m.**

BEM Approved CPD/PDP Hours: 7 Hours
(IEM20/HO/091/C)

CLOSING DATE:
02 SEPTEMBER 2020
OR if the Course Reach its Target Registered Participants
NO ONLINE Registration
will be allowed after the Closing Date

LIMITED TO 65 SEATS ONLY
'FIRST-COME-FIRST-REGISTRATION BASIS'

Jointly Organized by:
Oil Gas and Mining Technical Division (OGMTD) & Marine Engineering & Naval Architecture Technical Division (MNATD)
In collaboration with:
Offshore Engineering Centre, Universiti Teknologi PETRONAS (UTP)

Cancellation Policy

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

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.

"IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion'.
For intending participants who choose to 'walk in without prior registration',
IEM SHALL NOT be responsible for any direct or consequential losses".

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SPEAKERS

Professor Shahir has been practicing in the construction and offshore industry for 23 years, he is now the Deputy Vice Chancellor Research and Innovation (DVCRI) at Universiti Teknologi PETRONAS (UTP), Malaysia in charge of the business development portfolio and catalyzing the research ecosystem for accelerated growth. Professor Shahir aspires for a better tomorrow in Malaysia through the approach of sustained growth in niche capabilities and high-end knowledge areas. He believes that these are crucial for the country to reach developed nation status and strongly advocates for the scientific and engineering community to always add cutting edge dimensions to their set of capabilities and competencies. Professor Shahir throughout his career has spearheaded several strategic initiatives in the area of competency development including being one of the pioneering groups in Malaysia to develop wind engineering competencies and was the Chairman of the National Standards MS1553 Wind Code in 1999. In this time in the Malaysian Oil and Gas Services Council (MOGSC), he has served as the Chairman of the Competency and Training Working Group identifying critical industry gaps in the oil and gas industry. His continued service as the Honourary Secretary has also seen his leading participation in the Human Resources Development Fund (HRDF) for the National Occupational Skill Standard (NOSS) and Sectorial Training Committee (STC-17). He is also the current Fellow of the Energy Institute Malaysia and is closely overlooking the development of niche professional accreditation tracks in Malaysia for engineers in the energy sector. Professor Shahir graduated summe cum laude in Civil Engineering from Texas Tech University (USA) in 1983 and subsequently fast-tracked towards the completion of his Ph.D in Civil Engineering in 1988 from the same alma mater.

Ir. Dr. Lim Eu Shawn obtained his Ph.D in Civil Engineering from Universiti Teknologi PETRONAS (UTP), Malaysia in the areas of offshore engineering with particular emphasis on metocean, seismic engineering, offshore design and asset integrity. He is currently the Head of the Offshore Engineering Centre, UTP (OECU). He actively engages with various major oil and gas corporations on technology development and specialist consultancy solutions He also engages in active competency building in the offshore engineering industry and has previously engaged in training programmes via MSSA and HRDF. He represents MSSA in the development of national offshore structures code MS ISO 19901/2 and is a Chartered Engineer of Energy Institute . He is also an accredited trainer recognized by the Malaysian Human Resource Development Fund (HRDF). He actively seeks collaboration opportunities within the oil and gas fraternity through value enhancement and innovation of technologies via university-industry partnership models

SYNOPSIS

The engineering aspects of offshore facilities are often a major decision criteria in the Final Investment Decision (FID). Facilities form the critical components of an offshore asset's life cycle and is deployed in both exploration and production. Offshore structures design and selection undergo rigorous sets of considerations depending on reservoir and environmental requirements. This will allow designers to carefully select their platform design, hence reduce the impact of either under-designing or over-designing a facility. This course will also have special emphasis on the distribution and pipeline networks that support these offshore facilities. This course will also focus on design and concept selections.

The aim of the course is to:

- Share critical knowledge amongst the participants on facility characteristics of offshore structures that will enable them to make informed decisions during the appraisal of a design.
- Aims to educate participants on the translation of design concept consideration into design aspects of an offshore facility.

To be exposed to the design considerations and differentiating advantages and disadvantages of both fixed and floating offshore facilities and the supporting pipeline / hydrocarbon support network.

At the end of the course, 3 main questions will be answer :

- Provide an overview of offshore decommissioning activities
- Understanding the standards, law and guidelines that govern decommissioning
- Clear understanding on the waste management criteria and environmental standards as a result of this end-of-life activity.

TENTATIVE PROGRAMME

TIME	PROGRAMME
08:30 – 09:00	Registration and Welcome Coffee / Tea
09:00 – 09:15	Introduction of speaker and topics of discussion
09:15 – 10:30	Overview of Offshore Decommissioning • Project management, engineering, planning and processes • Global decommissioning experiences and best practices • Stages in the abandonment process
10:30 – 10:45	*Morning Tea Break*
10:45 – 13.00	Law & Regulation for Decommissioning • Law, regulation & guidelines for decommissioning • Global decommissioning experiences and best practices • Law, Regulation and Guidelines applied decommissioning in ASEAN, North Sea, Gulf of Mexico
13:00 – 14:00	*Lunch*
14:00 – 15:45	Decommissioning Options and Management • Decommissioning alternatives, requirements and drivers (reuse, reefing, repurpose, scrapping, etc.) • Public perception governance & reputation management • Liability issues and management • Waste and HSE management
15:45 – 16:00	*Tea Break*
16:00 – 17.00	Q&A Session
17.00 – 17.30	Conclusion / Evaluation

*** IEM reserves the right to postpone, reschedule, allocate or cancel the course**

REGISTRATION FORM

ONE DAY COURSE ON "OFFSHORE PLATFORM AND FACILITIES FOR EXPLORATION AND PRODUCTION INCLUDING STRUCTURAL HEALTH MONITORING FOR ASSET LIFE MONITORING"

	ONLINE (Log-in for registration & payment: www.myiem.org.my/member/login.aspx)
IEM Student Member	**150.00**
IEM Graduate Member	**300.00**
IEM Corporate Member	**600.00**
Non-IEM Member	**750.00**

No	Name(s)	Membership No.	Grade	Fee (RM)
			SUB TOTAL	
			+ 6% SST	
			TOTAL PAYABLE	

PAYMENT DETAILS :

FULL PAYMENT must be settled before commencement of the seminar, 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. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE the closing date**. If payment is not received within the stipulated time, the registration automatically cancels.

Contact Person : _____ Designation : _____

Name of Organization : _____

Address : _____

_____

Telephone No. : _____ (O) Fax No : _____ (O)

Handphone : _____ (HP) Email: _____

_____ _____

Signature & Stamp Date

TERMS & CONDITIONS:

- ONLINE REGISTRATIONS ONLY through IEM Portal
- ONLINE PAYMENT is applicable [via RHB and Maybank2u – Personal Saving & Personal Current ; Credit Card - Visa/Master.
- The Organising 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.

For further details, kindly contact:
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