



OFFSHORE TECHNOLOGY CONFERENCE ASIA

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FOR IMMEDIATE RELEASE

OTC Asia 2018 University R&D Showcase and Challenge Winner Announced

Kuala Lumpur, Malaysia (23 April 2018) – The third edition of the Offshore Technology Conference Asia (OTC Asia) included a new development programme for universities - the OTC Asia University R&D Showcase and Challenge. This programme provided universities from across the region the opportunity to share their current and planned R&D projects that are relevant to offshore technology, and collaborate with industry professionals to develop innovative ideas to address challenges facing the industry.

Ten universities from Asia participated in the programme: Chulalongkorn University, Curtin University (Malaysia), Dehradun Institute of Technology University, Kyoto University, National University of Singapore, Suranaree University, University of Petroleum and Energy Studies, University of Western Australia, Universiti Teknologi MARA and Universiti Teknologi PETRONAS.

Participating universities showcased their R&D projects at the exhibition, and participated in a one-day challenge event on the topic of “How Can We Make Future Offshore Developments More Cost Competitive in the Global Energy Market?” The ten university teams collaborated with industry mentors to develop potential solutions to the challenge statement. These ideas were pitched to an panel of industry executives for the opportunity to receive a USD5,000 grant to further the R&D idea.

The winning idea was presented by Universiti Teknologi PETRONAS for their project “Poseidon: An Autonomous Structural Health Monitoring System for Offshore Platforms”. The idea for this technology was initially developed in the Malaysian offshore oil and gas context where there are many ageing assets, which pose challenges to asset owners in terms of operations and maintenance.

It is envisioned that Poseidon will help pave the way towards the digitisation of oilfield services related to structural integrity, which currently relies heavily on manned inspections. Digitising these inspections would reduce risk exposure through the automation of oilfield services. Poseidon would also provide a quantitative method to determine residual life of platform for optimised extension-of-life retrofitting to aid operators in optimising design and resource allocation for operations and maintenance.

Universiti Teknologi PETRONAS will be updating the judging panel on the project’s progress, and attend the next OTC Asia to share the latest developments of their technology.

OTC Asia 2018 concluded with an attendance of 19,003 attendees from 71 countries. The next edition of OTC Asia will be held in Kuala Lumpur from 24-27 March 2020.



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About OTC

Founded in 1969, OTC's flagship conference is held annually in Houston. OTC has expanded technically and globally with the Arctic Technology Conference, OTC Brasil and OTC Asia. OTC events are brought to you by organisations that cover all aspects of the offshore energy industry.

About OTC Asia 2018

The Offshore Technology Conference Asia (OTC Asia) is where energy professionals meet to exchange ideas and opinions to advance scientific and technical knowledge for offshore resources and environmental matters.

OTC Asia 2018 will take place from 20 – 23 March 2018 at the Kuala Lumpur Convention Centre in Kuala Lumpur, Malaysia. PETRONAS is the exclusive Corporate Supporting Organisation for the event.

(<http://2018.otcasia.org>)

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