



**SEMINAR:
Aspects of Liquefied Natural Gas (LNG) in
the context of Singapore**

Dr Muthu Chezhan
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Abstract:

This seminar introduces students to various aspects of LNG in the context of Singapore's role in the global LNG market. Starting with basics of LNG, LNG containment systems, evolution of LNG shipping, LNG terminals – onshore vs offshore (FSRU/FLSU), Small Scale LNG ships, Loading and Offloading systems, FLNG Production system, LNG as a ship fuel, future of LNG bunkering etc. Essentially this will be made as a technical and practical seminar based on the most recent advances in international LNG industry, with applications for the Singapore offshore and marine industries.

About the Speaker:

Dr Muthu Chezhan has more than 20 years of experience in offshore oil and gas field development, LNG terminals, offshore and marine projects, including advanced engineering, commercial and contractual aspects of large-CAPEX deepwater development in the North Sea, USA Gulf of Mexico and West Africa. He played a pioneering role in LNG terminals infrastructure developments in Americas over the last decade, which includes EPCI management for the first wave of LNG Floating Storage and Regasification Units (FSRU) in USA and South America, and the most recent Floating Liquefaction and Storage (FLSU) in Caribbean.

Dr Muthu received his PhD in Marine Hydrodynamics from NTNU, Trondheim, Norway. He was previously the Deputy Head of Section, Deepwater Technology, at DNV Oslo (2001-06), Head of Department, Qualification & Verification, at DNV Houston (2006-2007), Engineering Manager at Advanced Production Loading Inc/BW Offshore (2007-2009), Director of Engineering, Wison Offshore & Marine Houston (2011-2012) and Vice President, Capital Projects and Engineering, Rongsheng Offshore & Marine Singapore and China (2012-2015).

Date: 25 January 2016 (Monday)

Time: 10 am - 11 am

**Venue: Nanyang Technological University
School of Civil and Environmental Engineering
CEE Seminar Room A (Block N1-B1b-06)**