

# 学术报告

报告题目: **Maximizing production in shale reservoirs**

报告人: Lau Hon Chung (刘汉中) 教授

时 间: 2018 年 11 月 25 日 (周日) 下午 15:00

地 点: 国家重点实验室 A403 学术报告厅

报告人单位: 新加坡国立大学

*欢迎全校师生参加!*

报告内容: Prof. Lau will discuss current research in maximizing production in shale reservoir using micro-sized proppants. After that he will introduce the M.Sc. program in Petroleum Engineering and Geosciences at National University of Singapore and application procedures.



Dr. Lau Hon Chung is a professor of practice at the Department of Civil and Environmental Engineering at the National University of Singapore (NUS) and senior scientific advisor to the Institute of Chemical and Engineering Sciences at Singapore's Agency for science, Technology and Research (A\*STAR). After completing his PhD at Princeton University, Dr. Lau joined Shell Oil Company in Houston, Texas. Within Shell, Dr. Lau was recognized as a subject matter expert in EOR, smart wells and sand control. He was the pioneer of Shell's horizontal openhole gravel packing process. He is the inventor of over twenty US, Canadian and European patents, including new ways to accommodate more wells in offshore platforms, new gravel packing processes, new surfactants for EOR, foam for mobility control, residual oil saturation reduction and new drilling mud formulations. He was authored technical papers in various aspects of EOR, sand control, smart wells, history matching, reservoir characterization and unconventional resources. Dr. Lau has held positions as Chief Production Technologist and Chemist of North America for Shell International, adjunct professor at University of TEXAS at Austin, honorary professor at China University of Petroleum (Beijing), and Career Coach at Tsinghua University. He is licensed professional petroleum engineer in the state of Texas. His current research interests are next generation steel via nanotechnology, nano EOR, maximizing production in shale reservoirs and gas hydrates production from permafrost regions.

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2018 年 11 月 19 日