



THE UNIVERSITY OF
**WESTERN
AUSTRALIA**

Faculty of Engineering, Computing and Mathematics

Natural Gas Hydrates in Flow Assurance Short Course

This workshop is aimed at providing state-of-the-art practice in flow assurance for hydrates, one of the largest problems in offshore oil and gas production.

This workshop will be valuable to individuals involved in the field of flow assurance by providing understanding and knowledge of gas hydrates, including hands on experience for the engineer in using tools to evaluate gas hydrates formation and dissociation. Participants should possess a basic understanding of oil and gas production.

The course will be delivered in a computer lab and with the following computer programs, CSMGEM and CSMPlug. Each attendee will receive a CD.

Who should attend this professional development workshop?

- Engineers
- Scientists
- Technicians
- Technical Managers



Workshop Dates:

Tuesday 24 to
Wednesday 25 November 2015

Full Two Day Course:

\$1800

Register here:

mech.uwa.edu.au/hydrates



Professor Carolyn Koh
Colorado School of Mines

Carolyn A. Koh is the Director of the Centre for Hydrate Research and Professor of Chemical and Biological Engineering at the Colorado School of Mines. She obtained her B.Sc. and Ph.D. from the University of West London, and later worked as a postdoctoral fellow at Cornell University. Before joining the Centre for Hydrate Research in 2004, she was a Reader at King's College, University of London. Prof. Koh has authored over 130 peer-reviewed research articles, and the leading textbook of the field, entitled "Clathrate Hydrates of Natural Gases." Among many honours, Prof. Koh was a member of the US National Research Council Panel on Methane Hydrate, and the US Department of Energy Methane Hydrate Advisory Committee.

Prof. Koh has overseen the implementation of hydrate kinetics and transportability modelling in OLGA (CSMHyK), which is the most advanced software package released to date. Through her 11-member Hydrate Consortium, the Centre works directly with operating and service companies to apply and refine CSMHyK to both design and problem-solving cases.