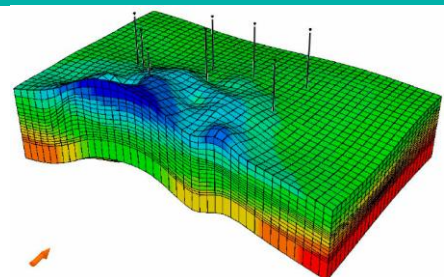
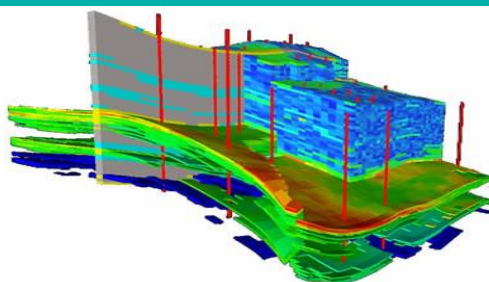
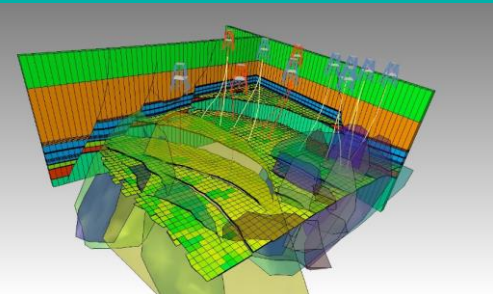




**2-Day Short Course On**

**INTEGRATED RESERVOIR  
 MODELLING**



**INTRODUCTION**

This hands-on course provides participants with an overview of the integrated reservoir modeling process, tools and tasks. The data set is a Tertiary carbonate reservoir. It exposes participants to hands-on integrated reservoir modeling.

A conceptual reservoir model and a digital reservoir model are constructed on paper and digitally. Common sedimentological techniques such as section logging, gamma ray measurements and interpretation of aspect ratios from photo panels and maps will be demonstrated and practiced.

**OBJECTIVES**

Reservoir modelling workflow	Integrate data at different scales
Structural model building	Well exposed and exceptionally well-studied on a local and regional scale
Construction of a stratigraphic framework	Acquisition and modelling of reservoir
Dimensions on a regional and local scale	Acquisition, measurement, and application of petrophysical properties

**COURSE CONTENT**

1. Sources of uncertainty in geophysics and reservoir modelling
2. Modelling uncertainty in seismic reservoir characterization
3. Geostatistics and spatial uncertainty
4. Uncertainty and data integration
5. Structural uncertainty
6. Uncertainty in reservoir dynamic modelling
7. Visualizing uncertainty
8. Value of information and decision making

**DATE: 9-10<sup>th</sup> August 2018**

**TIME: 9.00am - 5.00pm**

**VENUE: Level 16, Menara 2, Menara Kembar Bank Rakyat, Jalan Travers, 50470 Kuala Lumpur**

# COURSE TRAINER



**Prof. Dr. Michael C. Poppelreiter**, Director of the South East Asian Carbonate Research Lab (SEACaRL), Shell Chair in Petroleum Geology at the Department of Geosciences, Universiti Teknologi PETRONAS (UTP).

Area of expertise: Shell Subject Matter Expert for carbonate geology, Outcrop and Regional Geological Studies (focus Middle East), Conceptual Modelling, Reservoir Modelling and 3D Digital Modelling, Project management, CO2 in carbonate, Technical Assurance & Capability (TA-2), 25 publications and 2 books on borehole image logs and reservoir geology.

## HOW TO APPLY

Email to [cape@utp.edu.my](mailto:cape@utp.edu.my) for registration by 26th July 2018. Seats are limited. A seat will be confirmed once the payment / LOU is received. Confirmed participants will be informed via email.

## WHO SHOULD ATTEND?

- Petroleum Engineer
- Reservoir Engineer
- Engineer
- Junior Lecturer
- Executive

## COURSE FEES

RM 2050 (Professionals)  
10% Discount (UTP Alumni, PETRONAS & Group Registration)  
20% Discount (Student)

Course fee is inclusive of 0% GST. Group registration is applicable for 3 pax and above from the same company.

The fees include refreshments and the course materials.

A certificate of attendance will be issued upon successful completion of the course.

## CONTACT DETAILS

Course Coordinator:  
Prof. Dr. Michael  
Tel: +605-368 7053  
Email: [m.poppelreiter@utp.edu.my](mailto:m.poppelreiter@utp.edu.my)

Course Registration:  
Mr. Farhan Zulkefly  
Tel: +603-2276 0136 / +60143150602  
Email: [farhan.zulkefly@utp.edu.my](mailto:farhan.zulkefly@utp.edu.my)