



Formation Evaluation Society of Australia (FESAus) is proud to present:
CARBONATE PETROPHYSICS- R. E. (Gene) Ballay PhD

Perth, February 24-26 2010

Register Online at www.fesaus.org

COURSE DESCRIPTION

Course Objective: Participants will learn to integrate data across discipline, scale and timeframes to deliver an integrated, calibrated interpretation of Carbonates. As part of the course, participants will receive the presentation and exercise material, as well as the supporting manual.

Who Should Attend: Petrophysicists, Engineers, Geologists and Team Leaders who require an understanding of the complexities of open-hole carbonate log analysis

Course Instructor: R.E. (Gene) Ballay, PhD has 32 years experience in petrophysics across research and operations. His carbonate experience ranges from individual Niagaran reefs in Michigan to Lisburne in Alaska and Ghawar, Saudi Arabia. He holds a PhD in Theoretical Physics.

Date: Feb 24-26 2010

Venue: Citigate Hotel, Wellington St, Perth

Costs (Includes Lunch and Refreshments daily, and Drinks and Canapés on the final afternoon):

•**FESAus Members: \$1300**

•**FESAus Non-Members: \$1500**

•**Students: \$250 (places limited)**

COURSE PROGRAM

- Day 1:**
- Carbonates vs Sandstones
 - Lucia PP Classification
 - Logging tool responses in Carbonates
- Day 2:**
- Archie's 'm' exponent
 - Archie's 'n' exponent
 - Low resistivity pay in carbonates
 - The Non-Archie tool-box
 - Basic NMR
- Day 3:**
- Carbonate NMR
 - Core calibrated wireline 'm' estimates
 - Pulsed Neutron Logging
 - Pressure Profiles
 - Image logs
 - XRD/XRF Mineralogy
 - Phi/Mineralogy from Core

For More Information: csims@fesaus.org