



Technical Themes and Cross Reference

Theme 1: Successful Management and Decision Making

- Prospect – Play – Portfolio Analysis
- Management Forum
- Decision Making with Risk and Uncertainty

Theme 2A: Petroleum Systems Elements and Evaluation Techniques: Clastic and Carbonate Reservoir Systems

- Regional and Local Tectonic Influence on Carbonate Platform Architecture, Paleo-Tethys to the Present Indo-Pacific
- Outcrop Analogues in Reservoir Characterization
- Fractured Reservoir Controls
- Carbonate Reservoirs: Depositional Systems and Reservoirs
- The Application of Trace Fossil Analysis to Petroleum Reservoirs
- Seismic Evaluation of Carbonate Reservoirs: Architecture and Fluid Detection
- Coastal and Shelf Processes and Deposits – Modern and Ancient Analogues (SEPM)
- Predicting Deep Reservoir Quality
- Sequence Stratigraphy of Non-Marine Deposits
- Sequence Stratigraphy of Tertiary Successions

Theme 2B: Petroleum Systems Elements and Evaluation Techniques: Hydrocarbon Generation, Fluid Flow, Structural Controls and Seal Character and Quality

- Geochemical Processes
- Fractured Reservoir Controls
- Seepage and Leakage
- Paleoclimates: Is the Past the Key to the Future?
- Petroleum Geomechanics and Pore Pressure Prediction
- Impact of Stratigraphic and Structural Architecture on Fluid Flow and Production Performance
- Fluid Flow and Its Impact on Hydrocarbon Exploration and Production
- Oil from Coal Sources (EMD/TSOP)
- Application of Thermochronology and Hinterland Analysis
- Basin Modeling Advances
- Robert M. Sneider Memorial Session on Seals
- Structural Styles and Play/Prospect Implications

Theme 3: Gondwana Evolution and Petroleum Systems Elements

- Plenary Session: Reunite Gondwana – Realize the Potential
- Gondwana: Geology of the Break-up
- Permo-Carboniferous (Classic Gondwana) Basins and Reservoirs
- Tethyan Basins
- Gondwana Palaeozoic Basins

Theme 4A: Exploring and Developing Southeast Asia's Petroleum Provinces

- Petroleum Provinces of China
- Petroleum E&P: India
- Exploration Potential of New Zealand
- Deepwater Exploration in Southeast Asia and Australasia
- Petroleum Systems of the Philippines
- Petroleum Systems of Indonesia
- Petroleum Systems of Malaysia
- Exploring and Developing Southeast Asia's Petroleum Provinces (PNG, Thailand and Circum-Indian Ocean)

Theme 4B: Exploring and Developing Gondwana's Petroleum Provinces—South Atlantic/Africa/Middle East/North America

- Exploration Potential of Africa and Its Margins
- Middle East Petroleum Developments

Theme 5: PESA Special Session—West Australian Basins

- Petroleum Prospectivity of West Australian Basins

Theme 6: Southeast Asia Pacific LNG Resources and Development plans

- Geology and LNG Commercialization of Southeast Asia's Giant Natural Gas Fields

Theme 7: Maximizing Value From Mature Petroleum Assets

- Special Presentation: The 2004 Sumatra Earthquake and Tsunami: Understanding a Unique Geohazard
- Reservoir Characterization and Management
- Production Geology and Geophysics for Asset Management
- Rock Properties, Formation Evaluation and Acquisition/Interpretation Uncertainty (SPWLA)
- New Opportunities in Mature Basins

Theme 8: Integrating New and Emerging Technologies—Seismic Innovation

- Seismic Applications to New Play Identification
- Seismic Applications to Field Developments
- EM Prospecting and Re-Risking
- Seismic Innovation – 4-D and Acquisition
- High Resolution Imaging Tools: Applications to Geomechanics and Reservoir Prediction

Theme 9: Integrating Petroleum Development With Environmental Issues

- CO₂ Sequestration – Concepts and Future Directions (EMD/DEG)
- Issues in Environmental Geology (DEG)

Theme 10: Non-Conventional Hydrocarbon/Energy Resources

- Coalbed Methane Technology and Developments (EMD)
- Geothermal and Alternative Energy Technology (EMD)

A Strong Technical Focus on Posters

An exceptionally large number of high-quality offerings has resulted in a technical program which will recognize posters as significant contributions to the program. The idea of posters as “also rans” is chased out the door by the unique format being offered in Perth – nearly all sessions will comprise both oral and poster components. Session chairs have worked hard to select the best papers for their sessions and equally hard to determine which papers are broad, generic overviews of the particular session topic, which will be oral presentations, versus the in-depth details, which will be posters. The oral part of each session will effectively serve as a “preview” to the more detailed component – the posters, which will be prominently positioned within the exhibition pavilion. Poster presentations will be organised to allow session chairs to systematically “guide” a gathered group through the posters in a specific order and each poster author will have an allotted period of time. At the conclusion of the formal poster “tour,” there will be time for participants to wander back to the posters for more detailed one-on-ones with the author. Session chairs will announce details of poster tours during the oral sessions.

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