

# The Formation Evaluation Society of Australia



Newsletter Q1-Q2 2010 (May)

[www.fesaus.org](http://www.fesaus.org)

## INTRODUCTION

As FESAus continues to grow within Australia, we have decided to introduce a modest, quarterly newsletter for members. We hope it helps you keep up to date with the activities of your society. Some key new initiatives for 2010 will include a minor restructuring of the FESAus committee to establish an "Education Group" to help organise the FESAus masterclass program and associated distinguished lecture series, and initiate a series of joint SPE-FESAus seminars. We also hope to expand our student membership, and plan to host a FESAus Student Day at some time during the year with the help of Chris Piggott our Student Representative. Our current overall membership exceeds 200 people, and includes students, practicing professionals from all states of Australia and from abroad, and retirees who maintain a strong interest in formation evaluation.

A further initiative will focus on sponsorship, largely to ensure that we can continue to provide webcasts of talks so that all FESAus members benefit from our guest speakers, regardless of location within Australia. Feedback received to-date suggests that this is a valued service, and we are also gaining some international members as a result of it. More information concerning sponsorship opportunities is available at [www.fesaus.org](http://www.fesaus.org).

## RECENT EVENTS

FESAus have had a great start to our 2010 meeting program with presentations by Abbas Khaksar, (Baker RDS), Adrian Slayter (Senergy), Tom McDonald (Schlumberger) and Holger Lubotzki (LQC Group).

Abbas Khaksar's talk, "Determination of Rock Strength from Core Logs – Where we are and ways to go", provided a review of best practices for obtaining high quality rock strength data and a summary of common log-core strength correlations that can be used for rock strength modelling.

Adrian Slayter's presentation "Avoiding Nasty Surprises from the Matrix: when are "Fines" fine

?" discussed how adept management of "fines" is important for safeguarding well productivity and longevity. His presentation described some of the misleading legacy guidelines, potential pitfalls, current best practices, and the rewards realised by successful fines management.

Our April FESAus meeting was entitled "Wireline Dielectric Measurements Make A Come-back: Applications & Examples", and was presented by Tom McDonald of Schlumberger. Tom's presentation described the new-generation dielectric tools available in the market, that overcome some of the limitations of the dielectric tools introduced in the 1980's and bring extra information for more accurate petrophysical formation evaluation. It explored the dielectric dispersion physics, described the tool's architecture, measurements, and data processing chain.

Our May presentation by Holger Lubotzki was entitled "Understanding Wireline Depth Measurements". Holger discussed how wireline depth is measured, the potential sources of error in this measurement, and how to quantify and control the absolute accuracy of Wireline depth. The talk was well received and was followed by some stimulating discussion.

Thanks to all these speakers for their contributions and to the presentations' respective sponsor companies. All presentations have now been uploaded to the FESAus website, where you can view them as webcasts (members only).

**Gene Ballay** presented his Carbonate Petrophysics course in Perth on 24<sup>th</sup> – 26<sup>th</sup> February. The course was attended by 16 people and their feedback indicates it was a great success. Thanks once again to Gene for providing an excellent course.

**Two further courses were organised in Perth during May. On May 4<sup>th</sup> – 5<sup>th</sup>, by Steve Adams** presented his course on Capillary Pressure. This was followed on May 6<sup>th</sup> by a joint FESAus – SPE seminar of 2 hours duration entitled "Capillary

Pressure – Pitfalls”, lead by by **Steve Adams** and **Colin McPhee**.



**Attendees at Gene Ballay’s Carbonate Petrophysics course, held in Perth, Feb 2010.**

The FESQ chapter held an AGM on Monday 29<sup>th</sup> March, which was attended by approximately 40 people. Keith Boyle hosted the AGM and presented an “Overview of CSG Petrophysics”. The new FESQ committee is Stefan Calvert (President), Hernan Mathur (Vice President) and Shankar Narayan (Course Coordinator).

## **PLANNED EVENTS – AUSTRALIA**

**Tuesday June 8<sup>th</sup>, FESAus monthly meeting.** Use of image logs to evaluate secondary reservoir potential of the Kujung Carbonates., by Trevor Magee of Cooper Energy. Please note, Trevor’s presentation will be held at the **Melbourne Hotel, Corner Hay and Milligan Street, Perth, WA 6000.**

Registration is open on the FESAus website.

**27<sup>th</sup> May**, in Perth: FESAus Master Class on Clay. Please watch the FESAus website for more information.

**19<sup>th</sup> - 23<sup>rd</sup> Jun-2010, in Perth, WA: 51st SPWLA Annual Logging Symposium.** FESAus are proud to be hosting this event. **Pre-registration is now open.** Please visit <http://www.spwla2010.org/> for more information.

**Aug-2010**, FESQ chapter plan to host a Brisbane based course on Course on Coal Seam Gas (CSG) & Tight Gas

**Oct-2010:** Course on Value of Information (VoI), Uncertainty and Resources

**Q4-2010**, in Perth: Core / Image Interpretation workshop, by Task Geoscience and Woodside Energy. Please visit the FESAus website and let us have your [Expression of Interest](#) so we can know

the numbers and keep you informed as we plan this workshop.

Please watch the FESAus website for more information concerning these courses as they become available.

## **AUSPETROEVENTS**

AusPetroEvents is a joint initiative by ASEG, FESAus, PESA and SPE which has been established to help disseminate information concerning the availability of training courses for the Oil and Gas industry, and all upcoming events hosted by ASEG, FESAus, PESA or SPE. You can find out more concerning “what’s on” in the petroleum industry at <http://auspetroevents.org/>.

If any FESAus members have feedback or suggestions concerning the society, up-and-coming events or this newsletter, then please feel free to send them to [admin@fesaus.org](mailto:admin@fesaus.org).