



NEWSLETTER December 2010

Message from the LPS President:

At this time of the year our thoughts turn to planning parties and our holiday, but rest assured, the LPS committee are still working hard to bring you a plethora of goodies over the next few months.

Before discussing future events I would like to thank all members who attended the AGM on the 8th November at The Geological Society. The members heard that the society is in a good financial state and voted in the committee for 2011. A big thank-you to Derek Thomas for all his hard work as VP Technology over the last few years. Welcome to the committee to Rob Leveridge, Ian Draper and Peter Fitch. After the formal AGM we were treated to a very entertaining talk by Piers Corbyn on Alternative Weather Forecasting. Piers covered a wide range of material from global warming, the effects of the sun's cycles on our weather and even predicted the recent snow falls.

Registrations for the Basic Formation Evaluation Seminar on Monday 13th December are coming in fast. We have a program of eleven talks covering a wide range of topics. See the poster and registration form in this newsletter for more details. If you wish to attend please send in your registration as soon as possible.

The same evening as the Basic FE Seminar we have our Christmas party. This will be held in the Champagne Bar of the King's Head Pub, 10 Stafford St, London. The festivities start at 6.00pm. All members are welcome.

Next year's University Open Day will be on the 2nd February 2011 at the South Bank University in London. The Open Day is our chance to promote petrophysics to geosciences students. The day will consist of presentations and trade show style displays from service companies and operators. We would like to get as many companies involved as possible. If you would like to take part please contact the VP External Relations: Jeremy Farrow (jeremyfarrow@talktalk.net).

Over the last few years we have increased our contact with the universities through the *Iain Hillier Academic Award Scheme* and the Open Days. We often get requests from students for MSc research project topics and data, if you can help out with this please contact Jeremy. What could be more rewarding then helping and mentoring the next generation of petrophysicists?

All the Best

Adam

Adam Moss: LPS President



Dates for Your Diary

Monday 13th December, LPS One-Day Seminar, Geological Society, London Piccadilly.

Basic Formation Evaluation Seminar – Core to Log Interpretation & Petrophysical Inputs to Reservoir Models.

Monday 13th December, LPS Christmas Party, King's Head Champagne Bar, 10 Stafford Street, London. 6.00pm to Late.

Monday 17th January 2011, LPS Half-Day Seminar, Geological Society, London Piccadilly.

New Technology Seminar.

Monday 2nd February 2011, LPS University Open Day, South Bank University, London.

Monday 7th February 2011, LPS Evening Meeting, Geological Society, London Piccadilly. 6pm.

Adriaan Gisolf, SLB.

"Real-Time Integration of Reservoir Modelling and Formation Testing".



Next Evening Talk:

**“Real-Time Integration of Reservoir Modelling and
Formation Testing”**

Adriaan Gisolf - Schlumberger

The increasing complexities of newly discovered reservoirs coupled with the increasing cost of field development mandate significantly improved and timely work flows for reservoir evaluation. In this presentation a workflow is demonstrated where a fluids model is used to predict data for a wireline formation sampling and testing tool (WFT), with emphasis on downhole fluid analysis (DFA). The fluid model incorporates “conventional” Equation of State modeling as well as breakthroughs in asphaltene science to describe the heavy-end distributions of reservoir fluids. In this process, current reservoir understanding is tested by direct measurement in real time.



London Petrophysical Society
One-day Seminar

**“Basic Formation Evaluation –
Core to Log Integration & Petrophysical
Inputs to Reservoir Models”**

Monday 13th December 2010 at the Geological
Society, London

A series of presentations on the measurement of core analysis data and the integration of these data with wireline and LWD logs. The use of petrophysical data in the construction of reservoir models will also be discussed

Core to Log Integration: the challenge of reconciling petrophysical data (and the importance of scale, heterogeneity and anisotropy) - Prof. Mike Lovell, Leicester University
Critical Role of Basic Core Analysis Data in Prospect Evaluation - Craig Lindsay, Core Specialist Services Ltd
Porosity-Permeability Relationships and Rock Typing - Richard Arnold, Baker RDS
The Role of Electrical Properties in the Calculation of Water Saturation from Logs - Mike Millar, LPS
An Introduction to Nuclear Magnetic Resonance Petrophysics - Paul Basan, Corex
Wettability: What is it and Why does it Matter - Steve Duguid, CoreLab UK
How to Build and Use a Saturation Height Function - Joachim Strobel, RWE Dea AG
Relative Permeability – Overview of Methods - Andrew Cable, Weatherford Laboratories UK Ltd
Production Logging Tool Overview, Program Planning & QLI - Ayham Ashqar, RWE Dea AG
Dynamic Petrophysics: The Key to Understanding Well Productivity - Colin Mcphee, Senergy
What Petrophysical Data is Required to Construct a Reservoir Model? - Richard Steel, BG Group

Registration Cost: £150 for LPS/PESGB/AFES/SPE Members,

£175 for Non-members (LPS is not VAT registered) For further information
and registration details please visit www.lps.org.uk or e-mail:
adam.moss@bg-group.com

LPS Christmas Party After the Seminar