

SEG 2008

Summer Research Workshop

Emergent and Challenging Issues in Rock Physics: Rock This House!

20-24 July 2008 ♦ Galway, Ireland

Call for Contributions

**APPLICATION AND ABSTRACT
DEADLINE: 4 March 2008**

Program Content:

Calibration of seismic amplitude response requires accurate prediction of the expected acoustic properties for reservoir rocks, non-reservoir lithologies (e.g. mudrocks), and pore fluids at varying conditions. The estimation of seismic amplitude variation with offset (AVO) and time-lapse (4D) response is similarly dependent on reliable rock and fluid property information. Rock physics relationships are an essential element in the evaluation and modeling of seismic attributes for hydrocarbon exploration. Integration of lab- and well-based data is essential in the development of rock physics models with predictive capability. Recent experiences reported from a number of global basins have demonstrated the value of an integrated approach to developing rock and fluid acoustic properties for the quantitative interpretation of seismic data. While tremendous progress has been made in recent years and models reported for key reservoir and non-reservoir lithologies, gaps remain and unresolved issues in rock physics continue to be studied and debated.

Topics:

- Laboratory rock physics methods and analyses
- Rock physics of reservoir rocks
- Carbonate rock physics
- Rock physics for unconventional and fractured rocks
- Mudrock rock physics and application to pore pressure prediction
- Rock physics for 4D – reservoir and non-reservoir modeling
- Numerical and theoretical rock physics models and anisotropy
- Upscaling and integration – bringing lab and well to the seismic

We are encouraging presentation of varying viewpoints in this workshop, and will schedule time for active discussion on each topic. Summary comments and views will be captured and presented to all workshop participants, and disseminated to the larger SEG community.

Abstract submission deadline: 4 March 2008

Advanced registration deadline: 10 June 2008

Schedule:

Four half-day morning and afternoon sessions starting Monday morning and ending Thursday afternoon. We will be arranging an optional one day field excursion on Sunday ahead of the workshop to view turbidite outcrops on the western coast of Ireland.

Look for the **SRW Web Site**
<http://www.seg.org/meetings/srw2008>

Organizing committee:

Mark G. Kittridge, Chair (Shell Int'l EP Inc.)
Tad M. Smith (CGGVeritas)
Keith Katahara (Devon)
Arthur Cheng (Cambridge GeoScience)
Colin Sayers (Schlumberger)

SEG Business Office:

Amy Watson
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Technical Committee:

Per Avseth (RPT)
Luca Duranti (Chevron ETC)
Boris Gurevich (Curtin U.)
Dan Ebrom (BP)
Chris Bean (Uni. Col. Dublin)
Carl H. Sondergeld (U. Oklahoma)
Tiziana Vanorio (Stanford U.)

ABSTRACT SUBMISSION & REGISTRATION DETAILS

Abstract Submission Deadline: 4 March 2008

Submission:

We recommend submitting your abstract electronically. You can email it to awatson@seg.org in PDF format. The other method of submission is through the mail. Please submit contributions to the organizers: c/o SEG Summer Research Workshop, 8801 S. Yale, Ste. 500, Tulsa, OK 74137-3575.

Abstracts should be submitted in **PDF format**. Abstracts must be submitted by email or mail, faxed copies cannot be accepted.

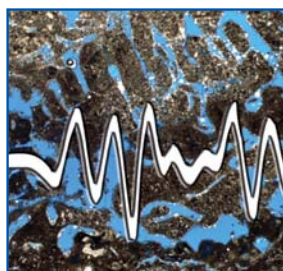
Format:

Abstracts should include sufficient detail for the committee to judge the quality of the paper. Abstracts longer than one page and figures are encouraged but are not required. Abstracts should be on 8.5 x 11 inch paper, include both text and figures with a one- or two-line title in bold font, size 12-14 points. Authors should be listed in italic font, size 10-12 points and text in Roman font, size 10-12 points. All text must stay 1 inch clear of the margins of the page. Submissions should be in Adobe Acrobat.

Only oral presentations will be offered.

Meeting Venue:

Radisson SAS Hotel in Galway will have sleeping rooms available during your stay.



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Application DEADLINE: 4 March 2008

Submit Application Form to:

Society of Exploration Geophysicists • 2008 Summer Research Workshop

Attn: Amy Watson

8801 S. Yale, Ste. 500, Tulsa, OK 74137-3575 USA

Phone: 1.918.497.5529 • E-mail: awatson@seg.org

☐ Mr. ☐ Ms. ☐ Dr. Student: Yes ☐ No ☐

Name _____

Company/Organization _____

Address _____

City _____ State _____

Postal Code _____ Country _____

Phone _____ Fax _____

*E-mail _____

☐ Oral Presentation

If presenting, please complete the following information and submit abstract via mail or email.

Title: _____

Deadline for submitting Application is 4 March 2008.

Please submit abstracts with application.

Applications can be mailed or emailed. Final registration and housing information will be sent to selected applicants by 1 May 2008.

*Required