



Society of Petroleum Engineers

Technical Program Committee

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21- 24 April 2008
Westin Langkawi Resort & Spa
Langkawi, Kedah, Malaysia

SPE Applied Technology Workshop

DEVELOPMENT OF MARGINAL OFFSHORE FIELDS

Registration deadline:

31 March 2008

Apply inside or online
at www.spe.org/atws

Workshop Description

High World Energy demand is pushing oil prices to unprecedented heights. This is putting pressure to the industry to produce more reserves. Threshold levels for once considered Marginal Fields are lowered. However, the high oil prices brings with it new challenges.

Some of these include:-

- Rising commodity prices pushing development costs higher
- Increase Environmental concerns pushing higher Standards
- Resource constraints – Engineers, Fabrication yards, Drilling Rigs and Construction Barges

Past issues for the development of Marginal fields have always been the following:-

- Complex Geology
- Challenging Drilling Environment
- Infrastructure Constraints
- Data Acquisition and the value of Information and Technology

The commercialisation of Marginal Fields needs to take a broader outlook, not only looking into innovative technology solutions but also innovative means of exploiting the entire supply chain and human capital. This Applied Technology Workshop, ATW, will provide a forum to discuss these issues and challenges using current thinking, industry trends and available technology.

Workshop Objectives and Deliverables

This comprehensive and focused 2½ day Workshop will allow participants to:

- Discuss the latest approaches in dealing with the development of Marginal Offshore Fields
- Review the latest technical advances associated with the development of Offshore Fields
- Discuss the latest approaches to Supply Chain Management in developing Offshore Fields
- Discuss the latest approaches in solving the Human Capital issues
- Enhance individual skills and awareness in the development of Marginal Fields
- Network with participants from other companies and countries
- Exchange ideas with fellow practitioners through group problem solving sessions

The aim is to conduct a Workshop involving a balance of regional and international experts to discuss the above topics, to exchange ideas and to generally find appropriate solutions for economic oil recovery from marginal fields.

This is a limited attendance meeting designed for asset managers, engineers, geoscientists, economists and supply chain management concerned with the development of marginal fields. The Workshop is expected to attract a broad cross section of industry professionals involved in all aspects of marginal field development.

Documentation:

1. Proceedings will not be published; therefore, formal papers and handouts are not expected from speakers.
2. Work in progress, new ideas, and interesting projects are sought.
3. Professionally-prepared visual aids are not required; handwritten viewgraphs are entirely acceptable.
4. Note-taking by participants is encouraged. However, to ensure free and open discussions, no formal records will be kept.

Workshop Deliverables:

- The committee will prepare a full report containing the highlights of the Workshop discussions. This report will be circulated to all attendees. A one-page summary will be prepared by the Workshop Co-Chairperson, which will be posted on the SPE Web Site, and published in the Journal of Petroleum Technology (JPT), if space permits. The copyright of the summary report will belong to SPE.
- PowerPoint presentation materials will be posted on a specific SPE URL address after the Workshop. Provision of the materials by the discussion leaders will signify their permission for SPE to do so.

Commercialism:

In keeping with ATW objectives and the SPE mission, excessive commercialism in posters or presentations will not be permitted. Company logos must be limited to the title slide and used only to indicate the affiliation of the presenter and others involved in the work.

Registration Fees:

Registration Deadline: 31 March 2008

- **SPE MEMBER :RM 7,450.00 (US\$2,250.00)/person on/before 31 March 2008**
- **NONMEMBER : RM 7,780.00 (US\$2,350.00)/person on/before 31 March 2008**

Fee includes the following:

- Three-day registration fee for all Workshop sessions;
- Four nights accommodation based on single occupancy with arrival Monday, 21 April 2008 and departure Thursday, 24 April 2008;
- Welcome reception followed by dinner (Monday evening);
- Three meals per day except on Thursday;
- Daily coffee/tea breaks;
- Workshop Workbook and Certificate of Continuing Education Units (CEU);

Note: Registration fee does not include hotel accommodation and meal costs for additional family member(s).

Registration Policy:

- Registration fee **MUST** be paid in advance for attending the Applied Technology Workshop.
- Full fixed fee is charged regardless of the length of time that the registrant attends the Workshop.
- Full fixed fee plus US\$100.00 handling fee will be charged for registration received after the registration deadline 31 March 2008.
- Fixed fee cannot be prorated or reduced for anyone (Workshop chairpersons, committee members, speakers, discussion leaders, students and registrants).

- Workshop is designed to be fully residential. Attendees are expected to attend all Workshop sessions and are not permitted to attend on a partial basis.

Cancellation & Refund Policy:

- A full refund less **US\$100.00** processing fee will be charged for cancellation received before the registration deadline **31 March 2008**.
- For cancellation received after the registration deadline **31 March 2008**, 25% refund will be made to the registrant.
- No refund on cancellation received seven (7) days prior to the starting of the Workshop date, on or after **14 April 2008**.
- Substitutions will not be accepted without prior Programme Committee approval.
- **No refund** will be issued if a registrant fails to show up at the Workshop on-site.

Attendance Certificate:

All attendees will receive an attendance certificate attesting to their participation at the Workshop. This certificate will be provided in exchange for a completed Workshop Questionnaire.

Continuing Education Units:

This workshop qualifies for SPE Continuing Education Units (CEU) at the rate of 0.1 CEU per hour of the ATW.

Workshop Venue:

Westin Langkawi
Jalan Pantai Dato Syed Omar
Langkawi 07000
Kedah, Malaysia
Tel: 60.4.960.8877 • Fax: 60.4.966.3102
Website : <http://www.starwoodhotels.com/westin>

Attendees' Information:

General and detailed accommodation information will be forwarded to registrants with the attendee package prior to the scheduled Workshop in March 2008.

Dress Code:

Casual clothing is recommended. The Workshop atmosphere is informal.

Transportation/Visa:

Delegates are advised to book their international airline tickets early from their country to Malaysia. Further detailed transportation information will be available and included in the attendee package, which will be sent to registrants in March 2008.

All travellers to Malaysia must be in possession of passports valid for at least six (6) months with proof of onward passage, either return, or through tickets. Contact your local travel agent for information on visa requirements to Malaysia.

**ATTENTION NON-MEMBERS
JOIN SPE DURING THIS WORKSHOP AND
RECEIVE YOUR FIRST YEAR'S
MEMBERSHIP FREE!
SUBMIT YOUR MEMBERSHIP APPLICATION ONSITE!**

DEVELOPMENT OF MARGINAL OFFSHORE FIELDS

Preliminary Daily Activities Agenda

Note: While every attempt will be made to adhere to the schedule, the status/availabilities of session topics, discussion leaders and moderators are subject to change. For updated technical agenda information, please visit the SPE website at www.spe.org/atws.

Monday, 21 April 2008

2:00 p.m. – 4:30 p.m.	Programme Committee Meeting
3:00 p.m.	Hotel Check-in
5:00 p.m. – 7:00 p.m.	SPE Registration
6:00 p.m. – 7:00 p.m.	Discussion Leaders and Session Managers/Moderators Briefing
7:00 p.m. – 9:00 p.m.	Welcome Reception/Dinner

Tuesday, 22 April 2008

7:00 a.m. – 8:00 a.m.	Breakfast
8:30 a.m. – 9:30 a.m.	Session 1: Introduction/Opening/Keynote Address
9:30 a.m. – 10:00 a.m.	Group Photo/Coffee Break
10:00 a.m. – 12:00 p.m.	Session 2: Managing Subsurface Uncertainties (Part 1) <ul style="list-style-type: none"> • Uncertainties in accessible hydrocarbons in place • Anticipated range of reserves recovery and production profiles • The value of information for reducing sub-surface Uncertainties • Optimum reservoir recovery and processes for maximising value • Appropriate evaluation and planning Methods
12:00 p.m. – 1:00 p.m.	Lunch
1:00 p.m. – 3:00 p.m.	Session 3: Managing Subsurface Uncertainties (Part 2)
3:00 p.m. – 3:15 p.m.	Coffee Break
3:15 p.m. – 5:15 p.m.	Session 4: Current Factors Affecting Field Development Economics (Part 1) <ul style="list-style-type: none"> • Oil prices & the associated risks • Factors affecting cost escalation • Resource constraints • Obstacles: Drilling long lead time • Rig availability
7:00 p.m. – 9:00 p.m.	Group Dinner

Wednesday, 23 April 2008

7:00 a.m. – 8:00 a.m.	Breakfast
8:30 a.m. – 10:30 a.m.	Session 5: Current Factors Affecting Field Development Economics (Part 2)
10:30 a.m. – 10:45 a.m.	Coffee Break
10:45 a.m. – 12:45 p.m.	Session 6: Novel Wells for Increased Production Rates, Improved Recovery and Reduced Cost <ul style="list-style-type: none"> • Innovative well design and operating philosophies • Fit for purpose completions • Difficult formations and current technology • Downhole separation
12:45 p.m. – 1:45 p.m.	Lunch
1:45 p.m. – 3:45 p.m.	Session 7: Innovative Facilities Solutions to Reduce Capital and Operating Costs <ul style="list-style-type: none"> • Fixed platform solutions • Floating facilities options • Subsea well technology • Under utilized existing facilities • Sharing facilities, sharing cluster development and common infrastructure • Intelligent well completions
3:45 p.m. – 4:00 p.m.	Coffee Break
4:00 p.m. – 6:00 p.m.	Session 8: Commercial, Economic Understanding, Risk Protection and Value Gain <ul style="list-style-type: none"> • Cost reduction options • Incremental economics analysis • Evaluation of uncertainty and risk management • Options and portfolios • Innovative supply chain management • Cut-off and hurdle rates
7:00 p.m. – 9:00 p.m.	Group Dinner

Thursday, 24 April 2008

7:00 a.m. – 8:00 a.m.	Breakfast
8:30 a.m. – 10:30 a.m.	Session 9: Brief Case Studies and Breakout Sessions (Part 1) <ul style="list-style-type: none"> • Successful completed projects and return thereof • Unsuccessful projects and reasons for failure • Projects under implementations • Conceptualized marginal offshore field
10:30 a.m. – 10:45 a.m.	Coffee Break
10:45 a.m. – 11:45 p.m.	Session 10: Brief Case Studies and Breakout Sessions (Part 2)
11:45 p.m. – 12:15 p.m.	Session 11: Summary & Wrap-Up
12:15 p.m. – 1:15 p.m.	Lunch
Afternoon	Rest and Recreation/Networking Opportunities/Hotel Check-Out
Evening	Dinner on own

DEVELOPMENT OF MARGINAL OFFSHORE FIELDS

Registration Form

Please Print or Type in Black Ink

SPE Member: Yes Membership No. _____ No

Name: _____
(First/Forename) (Middle) (Last/Family Name)

Position: _____

Company: _____

Address: _____

Town/City: _____ Zip/Postal Code: _____ Country: _____

Tel: _____ Fax: _____

E-mail: _____

Would you be willing to give a brief (10 minute) presentation _____ (Yes/No) ?

If yes, please provide a title and a detailed description of the presentation in the space below. (Use additional paper if required). One of the Programme Committee members will contact you to discuss your presentation.

Important: Registrants for SPE Applied Technology Workshops are accepted on the basis of information submitted by each registrant.

Technical Disciplines (Check One)

- | | |
|--|--|
| <input type="checkbox"/> Drilling and Completions | <input type="checkbox"/> Health, Safety, Security, Environment and Social Responsibility |
| <input type="checkbox"/> Management and Information | <input type="checkbox"/> Production and Operation |
| <input type="checkbox"/> Projects, Facilities & Construction | <input type="checkbox"/> Reservoir Description and Dynamics |

Primary Responsibility (Check One)

- | | | | | |
|---|------------------------------------|------------------------------------|-------------------------------------|---------------------------------------|
| <input type="checkbox"/> Asset Management | <input type="checkbox"/> Economics | <input type="checkbox"/> Drilling | <input type="checkbox"/> Geology | <input type="checkbox"/> Geophysics |
| <input type="checkbox"/> Production | <input type="checkbox"/> Operation | <input type="checkbox"/> Reservoir | <input type="checkbox"/> Management | <input type="checkbox"/> Others _____ |

List background and experience. (Use additional paper if required).

List your expectation for the Workshop, so that the committee can tailor a portion of the Workshop to answering attendees' concerns. (Use additional paper if required).

REGISTRATION FEE: (Please select appropriate box)

Registration Deadline : 31 March 2008

- SPE MEMBER :RM 7,450.00 (US\$2,250.00)/person**
on/before 31 March 2008
- NONMEMBER : RM 7,780.00 (US\$2,350.00)/person**
on/before 31 March 2008

Fee includes workshop registration, workbooks, certificate, 3 nights **SINGLE** accommodation with daily breakfast, 1-welcome reception/dinner, 3 luncheons, 2 dinners and daily coffee breaks.

PAYMENT BY CREDIT CARD

Credit Card Payment will be in U.S. Dollars only

- | | |
|---|--------------------------------------|
| <input type="checkbox"/> American Express | <input type="checkbox"/> Master Card |
| <input type="checkbox"/> Visa | <input type="checkbox"/> Diners Club |

(Discover Cards are not accepted)

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Card Number

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Exp. Date

Signature (as it appears on your credit card)

Name as it appears on Card _____

Billing address of Card _____

Zipcode/Postal Code of Card _____

PAYMENT BY CHEQUE

- U.S. Dollars Cheque to **Society of Petroleum Engineers**.
- Malaysian Ringgit Cheque to SPE-Asia Pacific (M) Sdn. Bhd.**

Payment Enclosed (Check No. _____)

Note: Forms will not be processed and space cannot be guaranteed unless accompanied by payment for total amount due.

CANCELLATION POLICY:

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- No refund will be issued, if a registrant fails to show up at the Workshop.

THIS FORM MAY BE USED AS A COMPANY INVOICE

Mail completed registration form with remittance and any supporting material to:
Society of Petroleum Engineers
Suite 23-02, Level 23, Centrepoint South, Mid Valley City
Lingkaran Syed Putra, 59200 Kuala Lumpur, Malaysia
Tel: 60.3.2288.1233 • Fax: 60.3.2282.1220 • E-mail: spekl@spe.org

**To submit your registration online, please visit the SPE website at www.spe.org
The online payments are secured by VeriSign.
(Credit Card Registration Only)**