

EAGE

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EAGE Workshop on the Mesozoic Intrashelf Basins of the Middle East

**Exploring for Conventional and Unconventional Reservoirs,
Linking Intrashelf Basin Subsurface Exploration Models with
Arabian Plate Field Outcrop Models**

8 – 13 October 2017
Ras al Khaimah, United Arab Emirates

www.eage.org

EAGE Workshop on the Mesozoic Intrashelf Basins of the Middle East
*Exploring for Conventional and Unconventional Reservoirs, Linking Intrashelf Basin Subsurface
Exploration Models with Arabian Plate Field Outcrop Models*
8 – 13 October 2017
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Technical Committee

Stanley Wharton (Co-Chair)	Saudi Aramco
Christopher Toland (Co-Chair)	Oolithica Geoscience Limited
Subrata Chakraborty	Schlumberger

Objectives:

The first objective of the Workshop is to revisit the Mesozoic subsurface depositional models and their petroleum systems. Focus is towards understanding the 3D subsurface depositional systems based on information from seismic data, drilled wells and the current understanding of their complexities in exploration. The second objective is to study field outcrops in similar Mesozoic intrashelf basin settings to further improve 3D depositional models of both the Jurassic and Cretaceous reservoirs found in outcrops in Oman.

Focus: Towards the understanding of the Mesozoic intrashelf basins by seeking ways to reduce uncertainty and risk in exploration. The emphasis will be on revisiting the exploration potential of intrashelf basin margins and their deeper basin equivalents using case studies from the **Babb, Jafurah** and **Gotnia** basins, linked to Arabian platform field outcrops.

Background:

The Middle East Mesozoic intrashelf basins contain some of the largest oil and gas fields, with hydrocarbon resources that are supported by a world class petroleum system. On the Arabian platform, the production of oil and gas from conventional and unconventional reservoirs have provided the world with a continuous supply of hydrocarbons. Oil and gas production have continued apace as it remains the life blood of industry even with the drop in oil prices over the last few years. Much effort has been focused on both the Mesozoic - Jurassic and Cretaceous conventional and unconventional reservoirs, and the continued revisiting of the successes in exploration and production is considered essential towards reducing risk and improving productivity. This Workshop is a follow-up from the inaugural 1st Workshop held May 15, 2016 as it seeks to further develop understandings of the 3D geological model of intrashelf basins and their petroleum potential. In this Workshop the Babb, Jafurah and Gotnia intrashelf basins are targeted. A field trip to Oman over 5 days is considered essential to this 2nd Workshop and selected outcrop examples will be visited to highlight the field scale examples of syn-tectonic sedimentation and related basin development. The search for hydrocarbons continues in the Mesozoic as studies have revealed an unknown quantity of undiscovered oil and gas is yet to be found.

While the investment climate remains challenging and the cost per barrel of oil on the market remains uncertain, there is need to forge on with the evaluations of these intrashelf basins to improve finding success and reduce cost. One way is to continue progressing towards the understandings of the hydrocarbon provinces, applying technical best practices to approaches, merging experiences from the exploration business coupled with understandings from the field outcrops. The Arabian Mesozoic carbonate platform is extensive, thousands of wells have been drilled from fields and yet exploration continues relentlessly in the search for hydrocarbons.

Programme Outline:

Sunday 8th October 2017 - 1 day technical session

Aims and Objectives

The aim of this applied 1-day workshop is to present an overview of Arabian Jurassic and Cretaceous intrashelf basin-fill successions based on outcrop and subsurface datasets. Key themes will include:

- (i) large-scale platform architecture
- (ii) the role of punctuated tectonism on sedimentation patterns
- (iii) the influence of intra-platform and shelf-edge palaeohighs on wave-base and water-circulation
- (iv) correlation challenges
- (v) practical techniques for constraining palaeosalinity, palaeo-oxygenation, and water-depth in restricted ISB successions (including biofacies associations, trace fossils, elemental proxies)

Emphasis throughout will be on pooling shared wisdom, transferable learning outcomes, and improved exploration understanding.

Monday 9th – Friday 13th October 2017 – 5-days Field Work

A field trip to Oman over 5 days is considered essential to this Workshop and selected outcrop examples will be visited to highlight the field scale examples of syn-tectonic sedimentation and related basin development. The search for hydrocarbons continues in the Mesozoic as studies have revealed an unknown quantity of undiscovered oil and gas is yet to be found.

While the investment climate remains challenging and the cost per barrel of oil on the market remains uncertain, there is need to forge on with the evaluations of these intrashelf basins to improve finding success and reduce cost. One way is to continue progressing towards the understandings of the hydrocarbon provinces, applying technical best practices to approaches, merging experiences from the exploration business coupled with understandings from the field outcrops. The Arabian Mesozoic carbonate platform is extensive, thousands of wells have been drilled from fields and yet exploration continues relentlessly in the search for hydrocarbons.

The Field Trip starts in Ras al Khaimah and finishes in Dubai, United Arab Emirates

Platinum:

The benefits for this package are as follows:

- Logo & link on homepage & sponsor page of the workshop website
- Logo on all marketing collateral, workshop holding slide as Platinum Sponsor and advertisements
- Logo on workshop Proceedings (Exclusive to Platinum Sponsors)
- Logo on each table in the workshop room
- Logo on the Technical & Field Trip Programme & Workshop Announcements
- Prominent logo on sponsor displays
- ***Exclusive sponsor of the Workshop Dinner throughout the day (Sunday 8th)***
- Company brochure in the delegate pack
- Word of thanks from Chairman

Package Price: EUR 12,500

Gold:

The benefits for this package are as follows:

- Logo & link on homepage & sponsor page of the workshop website
- Logo on each table in the workshop room
- Logo on the Technical Programme & Workshop Announcements
- Prominent logo on sponsor displays
- ***Exclusive sponsor of the Coffee Breaks throughout the day (Sunday 8th)***
- 1/YP student places/registration in 1-day technical session
- Word of thanks from Chairman

Package Price: EUR 9,500

Bronze:

- Company logo on workshop website with a link to sponsor company homepage
- Logo on Final Announcement
- Logo on Technical & Field Trip Programme & Workshop Announcements
- Logo at the buffet stations in the lunch area & on all tables
- Logo on holding slide to be displayed prior to lunch break as ***Exclusive Lunch Break Sponsor***
- Word of thanks from Chairman

Package price per sponsor: EUR 4,500

For further information on any of the above sponsor opportunities please contact the EAGE Middle East Office on +971 (0)4 369 3897 or email middle_east@eage.org

Sponsor Confirmation

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After receipt of the confirmation, we will send you an invoice. After receipt of the full payment of the invoice, the sponsoring benefits will be effectuated.

- I have read the terms and conditions for the sponsoring opportunities offered by EAGE Middle East FZ-LLC and I confirm that I accept them (please tick)

On behalf of _____ (company), I _____ (Name)

hereby authorize sponsoring as indicated above.

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Please note: In order to be included in future printed material as an official sponsor, please sign and email this form to middle_east@eage.org as soon as possible.

SPONSOR TERMS & CONDITIONS

1. Terms

EAGE – is EAGE Middle East FZ-LLC, a limited liability company under UAE law and the contracting party in this agreement, and as the case may be in this contract, any of its designated employees.

EVENT – is any conference, workshop, field trip or exhibition organized by EAGE.

SPONSOR CONTRACT – the agreement between EAGE and the Sponsor, to which these Terms and Conditions are annexed.

SPONSOR – is the contracted party, as mentioned in the Sponsor Contract.

2. ENTIRE AGREEMENT

This Sponsor Contract constitutes the entire and only agreement between the Parties, and supersedes all prior or contemporaneous agreements, representations, warranties and understandings with respect to this Sponsorship, and the subject matter of this Sponsor Contract. To the extent that anything in or associated with the Sponsorship is in conflict or inconsistent with the Sponsor Contract, the Sponsor Contract shall take precedence. Amendments to the Sponsor Contract shall only be valid when made in writing and signed by both Parties.

3. SPONSORSHIP BENEFITS

During the Term of sponsorship, Sponsor shall be entitled to the benefits as described in the Exhibition & Sponsor Guide or Sponsoring Opportunities which can be found on www.eage.org.

4. PAYMENT

a) Payments must be made in Euros, according to the instructions stated on the invoice;

b) For credit card payments, a 5% surcharge is applicable;

c) On all invoices, VAT will be applicable at the rate of the country where the event takes place.

d) When a sponsor requires a Purchase Order number on the invoice, the Purchase Order number must be indicated on the Sponsor Contract.

e) In the event of the failure of the sponsor to provide a Purchase Order number on time, the absence thereof on an invoice or related documentation shall not constitute in any way a reason to delay or postpone payment. Any such omission shall not affect EAGE's rights under this contract. The sponsor's purchase conditions shall not be applicable to this Contract.

5. CANCELLATION

Upon providing written notice, a sponsor may cancel, subject to the following conditions and restrictions:

a) Cancellations received 3 months prior to the Event: the cancellation penalty fee shall be 50% of the total Sponsor Contract;

b) Cancellations received after 3 months prior to the Event: the cancellation penalty fee shall be 100% of the total Sponsor Contract;

c) Cancellations must be in writing and received by EAGE before the stated deadline(s);

6. TERMINATION OF THE EVENT

If the premises where the Event is to be accommodated are destroyed or damaged, or the Event fails to take place as scheduled, or is relocated or interrupted and discontinued, or access to the premises is prevented or interfered with by reason of any strike, lockout, injunction, act of war, act of God, emergency declared by any government agency, or for any other reason, this contract may be terminated by EAGE. In the event of such termination, the sponsor waives any and all damages and claims for damages and agrees that the sole liability of EAGE shall be to return to each sponsor any rental payments received.

7. LIABILITY

In no event shall EAGE be liable to the Sponsor for any direct, indirect, incidental, special, consequential or punitive damages, or any damages whatsoever, resulting from the execution or non-execution of this agreement.

8. PRIORITY POINTS

For every € 1.000 spend on sponsoring, the sponsor will receive 1 point.

Priority points are the property of EAGE and not the property of any exhibiting company; they are rather simply used to determine the order of space selection. Priority points cannot be transferred, sold or assigned.

Points can be used for booth allocation for annual exhibitions.

9. GENERAL

EAGE reserves the right to determine the eligibility of any sponsor. EAGE reserves sole control over admission policies.

These Rules and Regulations are established for the mutual protection of EAGE and the sponsors. EAGE reserves the right to make such changes in the time schedule or in the general plan of the Event as may be deemed by EAGE to be in the best interests of exhibitors and the Event generally. All matters and questions not covered by these Rules and Regulations are at the discretion of EAGE.

10. APPLICABLE LAW

This agreement and any agreement derived from it shall be governed by the laws of the United Arab Emirates.