AAPG Geosciences Technology Workshops 2017

STRUCTURAL STYLES IN THE MIDDLE EAST

SHANGRI-LA • MUSCAT, OMAN • 9-11 MAY 2017

The structural evolution and the associated structural styles of a given geological province control parameters which have major implications when it comes to hydrocarbon prospectivity. These parameters can be sorted as per the below categories:

- Genesis and evolution of sedimentary basins and hydrocarbon source rocks
- Deposition and maturation of source rocks
- Circulation and trapping of hydrocarbons, structuring of oil and gas reservoirs
- Impact on fault geometries and control on reservoir flow paths

One can trace the structural history of the Middle East back to the assembly of the Rodinia super continent (1200-900 Ma) and to the Middle to Late Proterozoic times (-800 to -650 Ma). Since then, the region went through a long and complex evolution which included several major deformation episodes which explain its present day structural configuration.

This complex history resulted in the creation of distinct provinces dominated by contrasted structural styles. They include an old stable craton (also known as the Arabian Shield) in the western and central part of the Arabian Peninsula. The craton also exists, though poorly exposed, to the east in the Huq'f and Dhofar regions of Oman. The eastern boundary of the craton corresponds mainly to ancient, intensely deformed, accreted terranes of Panafrican age. To the west and south west, the Red Sea and the Gulf of Aden are dominated by present-day extensional systems. The structural style of the western edge of the Arabo-Persic Gulf reflects the results of the Late Cretaceous and Miocene episodes (also known as Alpine I and Alpine II stages). Here structures are most often clearly transtensional and transpressional. Along the eastern border of the Gulf, the Zagros fold and thrust belts and the Makran accretionary complex are the results from the convergence and subduction of the Arabian Plate beneath Iran since the Miocene period. Finally, the south-eastern part of the Arabian Peninsula (South Oman) corresponds to a quite specific structural province where the tectonic styles are essentially controlled by multi-phased halokinesis (related to the thick, Precambrian Ara salt deposits).

Workshop Objectives

The workshop aims at providing a state of the art review of the contrasted structural styles of the Middle East. Based on this review, a focus should be dedicated to the implications of these regional styles and structural evolutions on the region's economical prospectivity in terms of hydrocarbon resources. Among others, the specific challenges occurring during the exploration and production of these resources should be tackled. A critical success factor for such a workshop would be to get contributions from multidisciplinary teams of technical experts, from geologists and engineers from the oil and gas and mining industry, as well as from a solid participation from academic institutions.

SPONSORSHIP OPPORTUNITIES

PROGRAM COMMITTEE

Co-Chairs

Loic Bazalgette, PDO
Hussein Aly, Saudi Aramco

Committee Members

Jan Witte, Falcon-Geoconsulting
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SPONSORSHIP PACKAGES

PLATINUM SPONSORSHIP
US$ 17,500

- Company name and logo displayed on common slide between technical sessions.
- Company name and logo in the workshop brochure.
- Company name in all email broadcasts sent to AAPG members to promote the event.
- Prominent logo on sponsorship acknowledgement displays.
- Company logo and sponsorship title plus a link included on the AAPG website under "Event Sponsors".
- Verbal acknowledgement by the Workshop Chairman at the opening of the event.
- Inclusion of sponsor's logo in the onsite technical program.
- Three free registrations to attend the workshop.

GOLD SPONSORSHIP
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- Company logo and sponsorship title plus a link included on the AAPG website under "Event Sponsors".
- Verbal acknowledgement by the Workshop Chairman at the opening of the event.
- Inclusion of sponsor's logo in the onsite technical program.
- One free registration to attend the workshop.

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- Prominent logo on sponsorship acknowledgement displays.
- Company logo and sponsorship title plus a link included on the AAPG website under "Event Sponsors".
- Verbal acknowledgement by the Workshop Chairman at the opening of the event.
- Inclusion of sponsor's logo in the onsite technical program.

SPONSORSHIP PACKAGES

WELCOME RECEPTION AND DINNER SPONSORSHIP
US$ 16,000

- This package offers exclusive sponsorship of the welcome reception and dinner.
- Company name and logo be displayed throughout the dinner venue.
- Prominent logo on sponsorship acknowledge displays.
- Company logo and sponsorship title plus a link included on the AAPG website under "Event Sponsors".
- Verbal acknowledgement at the beginning of the dinner.
- Inclusion of sponsor's logo in the onsite technical program.
- Company logo on table tent cards.

LANYARDS SPONSORSHIP
US$ 9,000

- Company name and logo printed on all lanyards (lanyards to be supplied by sponsor).
- Prominent logo on sponsorship acknowledgement displays.
- Company logo and sponsorship title plus a link included on the AAPG ME Regional website under "Event Sponsors".
- Inclusion of sponsor's logo in the onsite technical program.

WORKSHOP LUNCHEONS
US$ 6,500
PER LUNCHEON
3 PACKAGES ARE AVAILABLE

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- Company logo on table tent cards.

WORKSHOP COFFEE BREAKS
US$ 4,000
PER COFFEE BREAK
3 PACKAGES ARE AVAILABLE

- Company name and logo be displayed throughout the coffee break venue.
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STRUCTURAL STYLES IN THE MIDDLE EAST

YES! OUR COMPANY WANTS TO SUPPORT THIS EVENT.
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CITY ..... COUNTRY .....

EMAIL ..... PHONE .....

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Authorized Signature .....

Full Name .....

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