

**EAGE**

EUROPEAN  
ASSOCIATION OF  
GEOLOGISTS &  
ENGINEERS



**AAPG**

*Advancing the World of  
Petroleum Geosciences™*



# EAGE/AAPG Tight Reservoirs Workshop

25-27 NOVEMBER 2019 • DHAHRAN, SAUDI ARABIA

- **First Announcement And Call For Abstracts**

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## TECHNICAL COMMITTEE

Mohamed Tafat (Co-chair)	Saudi Aramco
Bart Vos	Fenix Consulting Delft
Ashok L. Shinde	Baker Hughes, a GE Company
Julio Tavares	CGG
Neil Sookram	Schlumberger
Luca De Vincenzi	Dragon Oil
Abdulkarim AlAli	Tatweer Petroleum
Hamid Pourpak	Total

## WORKSHOP OVERVIEW

Tight reservoirs have become a very important resource that most oil operators are headed towards, to sustain the supply of hydrocarbons resources; Where there are many unique and specific challenges associated with all exploration and production aspects.

The need to optimize the production capacity and recovery potential from this type of reservoirs have risen. Unconventional resources, including tight reservoirs, constitute some of the largest components of remaining hydrocarbon resources in the Middle East reservoirs. The 2019 edition of EAGE/AAPG Tight Reservoirs Workshop in the region will highlight case studies and new ideas from industry and academia in the Middle East and worldwide where a multitude of topics will be discussed from both the exploration and production side.

The fifth EAGE/AAPG Tight Reservoirs Workshop aims to promote discussions related to tight reservoirs based on both local and international experiences.

## CALL FOR ABSTRACTS

The technical committee invites you to submit an abstract of 2-4 pages. Abstracts should be submitted via the EAGE website using the downloadable template. Abstracts will be accepted for both oral and poster presentations. The deadline for submitting abstracts is 1st September 2019.

**We welcome abstracts focusing on the following topics:**

- Reservoir geology
  - Sedimentology & diagenesis
  - Integrated approaches for facies maps creation
  - Link between diagenetic facies to petrophysical rock types
  - Fracture characterization (core? FMI?)

- Petrophysics / rock physics / geomechanics
  - Porosity & permeability & saturation height functions
  - Fluid replacement modelling and 4D/time-lapse (pressure & saturation) analysis
  - 1D-MEM (pore pressure prediction, horizontal stresses estimation)
- Reservoir geophysics
  - Geostatistical seismic inversion (case studies)
  - Seismic based facies & fluid prediction
  - Seismic anisotropy analysis and inversion for fracture characterization
  - Seismic-driven pore pressure and horizontal stresses
  - Seismic AVO inversion for tight reservoirs (case studies)
  - Fluid prediction for tight reservoirs (case studies)
- Reservoir engineering
  - Reservoir modelling and simulation
  - 3D-MEM
- Integrated projects (to reservoir disciplines)
  - Drilling & completion
  - Hydraulic fracturing
  - Production optimization
  - Data analytics / machine learning / artificial intelligence
- Tight fields economics
  - Tight Fields FDP plans (case studies)
  - Differences between tight and conventional FDP (reservoir, drilling and surface)

## IMPORTANT DATES

Call for Papers Open	1st of April 2019
Call for Papers Close	1st September 2019
Early Registration Opens	20th June 2019
Late Registration Opens	28th October 2019
Online Registration Closes	18th November 2019

## SPONSORSHIP OPPORTUNITIES

Sponsorship opportunities are available to suit all budgets. Please visit our website for further details. To request a copy of the sponsor brochure, please contact us using the information below!

## CONTACT

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# See you in Dhahran!

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