

EAGE

EUROPEAN
ASSOCIATION OF
GEOLOGISTS &
ENGINEERS



First EAGE Workshop on Pre-Salt Reservoir: from Exploration to Production

5-6 DECEMBER 2019 • RIO DE JANEIRO, BRAZIL

- **First Announcement and call for abstracts**

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WORKSHOP OVERVIEW

Since their discovery in 2005, pre-salt carbonate reservoirs in deepwater Brazil have become a very important source to sustain the supply of hydrocarbons. By now they constitute the largest component of resources along the Atlantic margins, with several world-class fields that have been developed by Petrobras and partners, including the giant Lula field which is approaching a production of 1 mln b/d. While these reservoirs are very extensive and prolific, they face unique challenges associated with the definition of the regional limits of the petroleum system in a still active exploration environment, and with the improvement of recovery factors of the ongoing production projects. The huge hydrocarbon volumes associated with pre-salt reservoirs and the high required investments are forcing companies to search, customize and apply leading edge technologies. Consequently, it is paramount to understand reservoir depositional systems, petrophysical properties, and seismic imaging issues to increase the efficiency of

exploration activities, and likewise reservoir engineering and production technology aspects to maximize recovery and optimize production.

The workshop will update on the latest ideas, technologies and industry practices from locating and characterizing the reservoir, to developing the field to maximize drainage, to managing production to optimize recovery, in the context of the industry challenges in deepwater Brazil. It will be an ideal venue to exchange experiences through networking and dynamic discussions on foundational aspects, best practices and case studies.

The EAGE calls upon geoscientists and engineers interested in characterizing, planning, executing and evaluating pre-salt reservoir projects to contribute to the technical programme. A call for two-four page abstracts will be open until October 1st, 2019.

TOPICS

- **Basin to Field Scale Geology:** pre-salt carbonate platform generation and controls
- **The Carbonate Reservoir:** critical success factors and risks for commercial discovery
- **Reservoir Characterization:** key elements in static models, rock properties, rock physics models, rock-fluid interactions, seismic imaging and analyses
- **Reservoir Producibility:** key elements in dynamic models, pressure distributions, reservoir connectivity
- **Field Development and Drainage Strategies:** recovery methods (WF, WAG), production strategies, constraints from facilities
- **Reservoir Management:** monitoring the reservoir (in-well sensing, 4D seismic) and managing production in response to reservoir behavior (intelligent completions)
- **New Technologies:** issues with development and production of pre-salt reservoirs and new technologies to address them
- **Integrated Case Studies:** examples of workflows and applications that integrate across the above topics



ABOUT RIO DE JANEIRO

One of the main economic centers, of cultural and financial resources, the second city with the production Industry and headquarters of the most important Brazilian companies in the oil sector.

We welcome you to the wonderful city, located at south east of the country, the beauties of the Fluminense capital reward the imagination of tourists, giving them from its beaches, surrounded by squares and samba, its unique mix between city and nature, to the Corcovado, with the maximum view of the city and its horizon to the sea where the imposing oil platforms are symbol of the development and technology of the sector.

SPONSORING

EAGE offers excellent sponsoring opportunities to create high visibility for companies and institutions and are available to suit all budgets. Please visit our website for further details. To contact us via americas@eage.org. 57 1 4232948

HOW TO REGISTER

We recommend that you register via the online registration form on the EAGE event website (<https://events.eage.org/en/2019/1st-pre-salt-workshop-in-brazil/registration>) However, a downloadable registration form, which should be completed and returned to the EAGE Americas, is also available on the event's page





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