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GSO GUYANA-SURINAME
BASIN

CONFERENCE

DISCOVERIES AND OPPORTUNITIES TO HARNESS
THE POTENTIAL OF A NEW OIL PATCH

First Announcement
and call for abstracts

GEORGETOWN, GUYANA & ONLINE | 26-28 OCTOBER 2022

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Welcome to Guyana

ABOUT GEORGETOWN

Georgetown, the capital of Guyana, is almost fairytale-like in appearance thanks to tree-lined streets and avenues and quaint Dutch colonial and Victorian architecture stemming from its days as a Dutch and an English colony. Georgetown lies below the high-tide level, protected by a seawall with a series of canals crisscrossing the city.

Places to see include attractions in Georgetown as well as in other cities and the interior of the country. Note the unique features of the local architecture, such as the loved shutters with window boxes and the combination of Dutch and English touches. International flights from the US or Europe fly into Georgetown's Cheddi Jagan International airport mainly via Trinidad, Bogotá, or other locations in Colombia. Getting to Guyana by boat is an adventure the Guyanese tourist board hopes to encourage. Getting around in Guyana is mostly by road, river, and air. There are a number of hotels, resorts, and interior resorts and lodges to choose for your accommodation needs.

TECHNICAL COMMITTEE

Bryan T Cronin (Chairman)	Tullow Oil plc
Matthew Chandler (Chairman)	ExxonMobil
Jan Baur	TotalEnergies
Byrdie Renik	ExxonMobil
Adriana Sola	PGS
Pedro de Luca	Repsol
Stanley Wharton	CERDiT
Hamid Medjnoun	CNOOC Ltd.
Adam Allan	Hess Corporation
Patrick Brunings	Staatsolie

WORKSHOP OVERVIEW

Recent discoveries in the Guyanese offshore and adjacent areas have drawn significant attention from the E&P Industry, from Liza to Hammerhead, Jethro and Joe, with other deep-water drilling underway. This activity has opened up oil-prone petroleum systems in at least three different plays within the deep-water province along the margin. The discoveries are in the earliest stages of appraisal and development, and most of the learnings from these successes remain within the commercial realm while this is ongoing.

This meeting aims to piggyback on the huge amount of technical focus on the margin, in an attempt to draw in all of the relevant stakeholders across E&P, technical vendors, and government, and to generate an open sharing discussion environment to allow companies to present the initial results of the discoveries and what lies ahead. The hope is that by sharing as much as possible within the constraints of protecting commerciality and tight data, that all operators in the area, and those with an interest in the area, can workshop some key themes together for their mutual benefit. Operators with experience in deep-water exploration, appraisal and development, including those with diverse experience in hydrocarbon fluids of different quality, from different source rocks, with different migration pathways and diverse trapping styles, can share best practices and discuss technical and geological issues. It is hoped that the meeting will also draw interest from the conjugate margin in the Gulf of Guinea, where in some jurisdictions the provinces are more mature, and sharing of knowledge from technical operations through subsurface expertise to localization and best ways forward for the well-being and benefit of host countries may well apply to the Guyanese margin from these early days.

There are three main sedimentary deposystems stretching from eastern Venezuela through Guyana, Suriname and French Guiana, fed from three principal fluvio-deltaic entry points along the margin, which have shifted laterally over time: (1) the Aptian Demerara fluvio-deltaic system, (2) the Upper Cretaceous Berbice system, and (3) the Miocene-Pliocene Amazon system. These large sand-prone paralic-shelfal systems have had periods of sand charge through deep-water canyons, through mass-transport complex dominated deep-water slopes, into intra-slope ponded systems, channelised slope systems and basin floor frontal splay deposystems.



A number of topics have been proposed for the Conference, based on the perceived needs of the area, by the technical committee. It is hoped that potential presenters will submit talk titles along with a brief (200 word) overview of the proposed talk content, to allow us to high-grade the main topics over the planned three days of the meeting. Parallel sessions are not planned; the meeting will have one rolling technical session with breaks for poster discussion and themed workshops and other special events.

WHO SHOULD ATTEND?

The conference intends to offer new insights into the subsurface of the Guyanese offshore, and to provide first-hand experience from successful operators and other vendors in the area. We aim to bring together oil & gas industry experts, professionals and academia interested in deep-water petroleum systems.

We invite geoscientists and engineers who want to learn about, and to share, the latest developments in the Guyanese deep-water offshore discoveries of the past few years. We hope to offer a series of technical presentations as well as an exciting knowledge sharing and discussion platform to provide an interactive and integrated learning environment with opportunities to network through panel discussions and technical presentations.

TOPICS

Please submit abstracts on the following topics:

- Intro Uncertainties / Challenges / Lessons Learned
- Regional Geology: talks over viewing what we know about regional geology, sand provenance, hinterland character and impact on sediment provenance
- Petroleum Systems: synthesis of our knowledge of working petroleum systems, source rocks, burial history, migration pathways and potential for biodegradation
- Play Fairways / Tertiary and Cretaceous prospectivity
- Conjugate Margins / Analogues from the Gulf of Guinea and impacts on best development strategy in the Guyanese offshore
- Advances in deep-water systems and applications for our understanding of reservoir quality and distribution in the Guyanese offshore
- Technology Seismic / Data Management / Machine Learning
- Facilities / Drilling
- Subsurface Geohazards
- Governmental Regulations
- Commerciality
- Environmental Impact Mitigation

“The range of deep-water geological system is very diverse and the need for joined up discussions on the latest understanding of these types of settings is needed urgently.”



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