

PROGRAMME

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|---|--|---|--|---|--|
| Thursday July 7, 2022 | | Short Course: South American - Caribbean - Central Atlantic Plate Boundary, Tectonic Evolution, Basin Architecture and Petroleum Systems - Dr. Tricia Alvarez and Prof. Paul Mann | | | |
| Friday July 8, 2022 | | Short Course: Fault Kinematics - Randy Partap | | | |
| Saturday July 9, 2022 | | Short Course: Sustainable Energy Solutions for Small Island Developing States, Trinidad and Tobago and the Caribbean - Dr. Adolfo Mejia Montero | | | |
| Monday July 11, 2022 | | PRESENTATION ROOM #1 (Hyatt Regency, Trinidad) | | PRESENTATION ROOM #2 (Hyatt Regency, Trinidad) | |
| 07:55 - 8:35 | Opening Ceremony | National Anthem; Welcome remarks (Ann Ramsook, Conference Chair) / Remarks on the GSTT (Adrian Tuitt, GSTT President) | | | |
| 08:35 - 8:55 | | Greetings from Eugene Okpere (Shell VP & Country Chair) | | | |
| 09:00 - 9:30 | | Feature Speaker (Dr. The Honourable Keith Rowley, Prime Minister of Trinidad & Tobago) | | | |
| 09:30 - 10:00 | | Penelope Bradshaw-Niles (Permanent Secretary, Ministry of Energy and Energy Industries) | | | |
| 10:00 - 10:30 | Morning Coffee Break | | | | |
| 10:30 - 11:00 | The Business of Petroleum | Verlier Quan Vie (VP Commercial, NGC) | | | |
| 11:00-12:00 | Panel discussion (Innovation in Oil & Gas Exploration and Development) - Rodney Hosein, Kiran Sankar, Kun Jiang, Richard Burgess, Keith Bally (moderator) | | | | |
| 12:00 -13:00 | Luncheon Talk - Unlocking Subsurface Complexity - Khaled Abdelaziz (Schlumberger) | | | | |
| 13:00-13:30 | Field Appraisal Case Studies | Aphrodite - An Integrated Approach to Accelerated Prospect Maturation - Maneesha Maharaj | | Structure & Tectonics around the Caribbean | Constraints on Tectonic Processes and Crustal Deformation within the Subduction to Strike Slip Transition at the Southeastern Caribbean Plate Boundary Zone - Tricia Alvarez |
| 13:30-14:00 | | Fault Transmissibility in Gas Reservoirs - Randy Partap | | | New Structural Styles in the Deep Columbus Basin; Observations from 3D Nodal Seismic Data - Avinash Ramroosingh |
| 14:00-14:30 | | Focus on Value Competitiveness for Aphrodite Well towards an Accelerated First Gas Development - Gabriella Kokaram | | | |
| 14:30-15:00 | Biostratigraphy | Integration of Micro- and Nannofossil data for High Resolution Biostratigraphy in the onshore Southern Basin of Trinidad - Ashleigh Costelloe (Pre rec) | | Rock Mechanics & Petrophy. | Petrofacies: A new petrophysical approach to facies description in the Columbus Basin, Trinidad - Samantha Jaipaulsingh |
| 15:00-15:30 | Afternoon Coffee Break | | | | |
| 15:30-16:00 | Stratigraphic & Sedimentological principles | Reservoir Depositional Element (RDE) Mapping: Adding detail to the regional picture - Tracy Gunness | | Geophysical Techniques | Capturing Bulk Rock Volume (BRV) Uncertainty- A workflow incorporating seismic (pre-stack and post stack data) and well data - Abigail Maxwell |
| 16:00-16:30 | | Moving away from simplistic reservoir models; mixed – process marginal marine reservoir analogues from Trinidad - Saeed Khan | | | A Whirlwind Tour of Shell Seismic Technologies Employed in the NCMA Basin - Analiese Ferreira |
| 16:30-17:00 | | Outcrops and exotic boulders of Miocene - Cretaceous reservoirs and their exploration implications - Curtis Archie | | | Angelin fault seal analysis: A case study on the A Sand hanging- wall trap anomaly in FB4 - Kareem James, Nirala Boodoo |
| 17:00-17:30 | | Columbus Basin Upper Slope: Modern Depositional Environments from Seismic - Nadeer Khan | | | Qualitative and Quantitative Geophysical Data Integration for Better-Informed Decisions - Matthew Miller |
| Awards Ceremony & Cocktail Reception | | | | | |

| Tuesday July 12, 2022 | | PRESENTATION ROOM #1 (Virtual) | PRESENTATION ROOM #2 (Virtual) | |
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| 08:00 - 09:30 | Feature Session -The Management of Energy | NJ Ayuk, Chairman, African Energy Chamber | | |
| | | Mark Loquan, President, NGC | | |
| | | The Honorable Stuart Young, Minister of Energy & Energy Industries | | |
| 09:30 - 10:00 | Morning Coffee Break | | | |
| 10:00 - 10:30 | Carbon Sequestration & Storage | An assessment of some geological challenges in the implementation of a Carbon Capture, Utilization & Sequestration (CCS) and Carbon Dioxide Enhanced Oil Recovery (CO2 EOR) project in Trinidad - Clement Ramroop | Panel Discussion (Revitalizing Hydrocarbon Production in Mature Fields) - - Lynn Anderson, James Walker, Anderson Arjoon, Rajesh Rajpaulsingh, Javed Razack (moderator) | |
| 10:30 - 11:00 | | | | |
| 11:00 - 11:30 | Panel Discussion (Renewable Energy Targets in the Caribbean) - Francisco Vozza, Siana Teelucksingh, Navin Boodhai, Adolfo Mejias-Montero, Brendon James (Moderator) | | Brownfield Dev./ Field Appraisal Studies | Maximizing Opportunity, Managing Risk: Integrated decision-based modelling for the value optimization of production - Rashad Ramjohn & Elizabeth Sookal (PreRec) |
| 11:30 - 12:00 | | | | A history of the appraisal and development of Shell's Block 5c acreage - Joel Dowlath (PreRec) |
| 12:00 -13:00 | Lunch | | | |
| 13:00-13:30 | Alternative Energy sources | A mission for Sustainable Energy - harnessing the energy of the sun - Graeme Jones | Circum-Carib. Exploration | Accessing the Pre-Negoene Play Potential of the Tobago Trough - Thomas Hansen |
| 13:30-14:00 | | The Exploration of the Role and Benefits of Solar Photovoltaic Energy Production in the Diversification of Jamaica's Energy Mix - Kamiruu Clark | | Age & Provenance of the Scotland Formation, Onshore Barbados - Catherine Belgarde |
| 14:00-14:30 | Panel discussion (Climate Change and its Impact on Small Island Developing States) - Kishan Kumarsingh, Raquel Moses, Dr. Colin Young, Akil Callender, Stephen Jagdeo (moderator) | | Sedimentology & Stratigraphy | Understanding the Net Sand Distribution of the Pliocene Forest Formation Topsets, Southern Basin, Trinidad - Christie Carr |
| 14:30-15:00 | | | | Variability of Secondary Pay in the Columbus Basin - Martin Wells |
| 15:00-15:30 | Afternoon Coffee Break | | | |
| 15:30-16:00 | Alternative Energy sources | Investigation and Analysis of Hot Water Generation using a modified Parabolic Solar Dish - Stephen Jagdeo | Structure & Tectonics | * POSTER - Structural Geology and Cenozoic Deformation: Western Northern Range, Trinidad - Abigail Clark |
| | | | Sedimentology & Stratigraphy | * POSTER - Deciphering the depositional history of the Lower Forest Formation using outcrop and well log facies analysis to examine reservoir quality, continuity, and connectivity - POSTER -Daniel Joseph |
| Geoscience & the Environment/ Geohazards | Vetiver grass and the Vetiver System (VS) as a Green Infrastructure Tool - Jonathan Barcant | Reservoir Architecture of Deep-Water Deposits in the Northern Trinidad Region - Rene Winter (PreRec) | | |
| | Integrating water, land and ecosystem management approaches to quarry rehabilitation in northeast, Trinidad - Arnott Jones | A proposal for the introduction of the Central Range Structural Complex into the stratigraphy of Trinidad - Clement Ramroop | | |
| 17:00-17:30 | | Historic and recent mud volcano eruptions in Trinidad, impacts on surrounding communities - Curtis Archie | | New Seismic + Old Concepts - Case Study from the Columbus Basin, offshore Trinidad - Rene Winter (PreRec) |

| Wednesday July 13, 2022 | | PRESENTATION ROOM #1 (Virtual) | PRESENTATION ROOM #2 (Virtual) |
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| 08:00 - 08:30 | Feature session (Big Data) | Featured Speaker: Joseph Nicholson, (COO, Osokey) | |
| 08:30 - 9:30 | Panel Discussion (Data Management and Architecture and its link to Machine Learning and Artificial Intelligence: The Impact on the Energy Sectors) - Roeland van Gilst, Julian Moreno, Catalina Herrera, Krishna Persad, Stanley Wharton (moderator) | | |
| 09:30 - 10:00 | Morning Coffee Break | | |
| 10:00 - 10:30 | Big Data/ Machine Learning | Overcoming Governance Issues: Making Data Freely Available in Trinidad and Tobago - Helena Inniss | Panel discussion (Changing Tides: Coastal Erosion & Protection Measures Around the Caribbean) - Hamish Asmath, Dr. George Sammy, Frank Teelucksingh, Don Rambarran, Dr. Charmaine O'Brien-Delpesh (Moderator) |
| 10:30 - 11:00 | | Integrated Machine Learning Unsupervised Log Facies and Seismic Facies Workflows to delineate stratigraphic traps for field developments - Stanley Wharton | |
| 11:00-11:30 | Panel Discussion (Earthquakes & Volcanoes in the Caribbean; Past Events, Current Threats & Preparedness) - Professor Richard Robertson, Dr. Omar Bello, Dr. Ilias Papadopoulos, Michelle Forbes | | Field Appraisal |
| 11:30 - 12:00 | | | The Evolution of the Angelin Field Fault Framework, northern Columbus Basin, Trinidad - Alicia Bertie (PreRec) Reservoir Depositional Element (RDE) Maps – Anchored or Exploring the range – A Case Study - Tracy Guinness |
| 12:00 -13:00 | Luncheon Talk -The Impact of Regime and Tectonics on the Orinoco's Second Clastic Wedge's Architecture, Trinidad - Ariana Osman | | |
| 13:00-13:30 | Panel Discussion (Leveraging groundwater: Tapping the Potential of Traditional & Bedrock Aquifers to Securing Water Supply) - Dr. Roland Hoag, Kambiri Cox, Marilyn Crichlow, Geoffrey Marshall, Sara-Jade Govia (moderator) | | Well Planning/ EOR |
| 13:30-14:00 | | | |
| 14:00-14:30 | Hydrogeology around the Caribbean | Groundwater Supply: The role of geology in determining distribution and exploration techniques for target optimization of wells - Dana Marie Jacob | Pilot EOR feasibility study in deltaic channel sands -Jillian George & Dwarak Uhayashankar |
| 14:30-15:00 | Afternoon Coffee Break | | |
| 15:00-15:30 | Panel Discussion (Geoscientists and Careers) Sean Cardinez, Sandra Chapman, Kalain Hosein, Hayden Romano, Akil Callender, Celine Gooljar (moderator) | | Geohazards |
| 15:30-16:00 | | | Small island developing states (SIDS) in the Zone Tropical and Plate Boundary Vulnerabilities risk multiple hazards: Jamaican case study - Rafi Ahmad |
| 16:00-16:30 | Geohazards / Field Mapping | Use of satellite imagery, drones and 3D models, as an aid to geological field mapping - Curtis Archie | Geophysical Techniques |
| 16:30-17:00 | | | Structure & Tectonics |
| | | Trinidad & Tobago potential unveiled by high repeat offshore satellite oil seeps - Clément Blaziot | Using 2-dimensional seismic modelling to support observed DHIs the Columbus Basin, Trinidad - Akkel Paul * POSTER - 2D multicomponent adaptive focused beam migration - Chao Chen (PreRec) * POSTER - Squeezing every drop out of a new OBN dataset (Columbus Basin, Trinidad & Tobago) - Avinash Ramroopsingh * POSTER - Provenance of the Northern Range, Trinidad using Detrital Zircon U-Pb Geochronology: Implications for northern South American River System paleogeography * POSTER - A tale of two tufas |
| July 14 - 15, 2022 | | Short Course: Reservoir Model Design - How to make a good Reservoir Model - Dr. Mark Bentley | |

Poster

Pre-recorded

Panel discussion