ice '22 19–22 APRIL CARTAGENA

AAPG International Conference & Exhibition

Co-hosted by ACGGP

Call for Abstracts

Geoscience and Innovation to Fuel the Energy Future

TECHNICAL PROGRAM THEMES

The ICE 2022 committee invites industry professionals, academics and students to submit abstracts relating to the themes below.

PETROLEUM SYSTEMS, STRATIGRAPHY AND SEDIMENTOLOGY

- Petroleum System Modeling: Advances and Case Studies
- Source-to-Sink Methods: Past, Present and Future
- Stratigraphy and Basin Analysis in Exploration and Development
- Source Rocks: Concepts, Characterization and Modeling
- Sequence Stratigraphy: Controls on Reservoirs and Traps Distribution
- Stratigraphic Traps – New Concepts and Case Studies
- Advances in Carbonate Reservoir Characterization
- Advances in Deep-Water Reservoir Characterization, Case Histories and Analogues
- Sedimentology: from the Rock to the Reservoir Model

STRUCTURAL GEOLOGY, TECTONICS AND GEOMECHANICS

- Intracratonic and Passive Margins
- Contractional Belts and Adjacent Foreland Basins
- Salt and Shale Tectonics
- Fractures, Geomechanics and Compartmentalization

OFFSHORE EXPLORATION AND PRODUCTION

- Opportunities in Offshore Exploration and Production: Atlantic/Caribbean Basins and Frontier Plays
- Tectonics, Stratigraphy, Sedimentology and Depositional Processes: Impact on Offshore Exploration and Production
- Reservoir Characterization, Reservoir Modeling and Technology in Deep and Shallow Water Fields: How to Improve the Recovery Factor
- Defining Future Value for Offshore Projects: From Infrastructure to Low Carbon Solutions

GEOPHYSICS

- Reservoir Characterization (Integration of Seismic, Geologic and Borehole Data)
- Integrated Exploration of Subtle Traps
- Application of New Seismic Acquisition Trends
- Improvement of Seismic Data in Areas with Challenging Response

UNCONVENTIONAL RESOURCES

- Rock and Fluid Characterization of Unconventional Resources
- Case Studies in Frontier Unconventional Resources: Exploration and Early Delineation
- Case Studies in Producing Unconventional Resources: Advanced Delineation and Development
- Geoscience Challenges at a Factory Mode Phase: Contributing to Reduce Development Cost
- Application of New technologies in Unconventional Resources

ENERGY, SOCIETY AND ENVIRONMENT

- Sustainability, Decarbonization and the Circular Economy
- Carbon Capture, Utilization and Storage: Hubs, EOR and Subsurface Characterization
- Hydrogen and the Subsurface: Storage Challenges and In-Situ Generation
- Geothermal Energy: New Technologies and Colder Bottom Hole Temperatures

CRITICAL MINERALS FOR ENERGY DIVERSIFICATION

- Regional Geology and Critical Minerals Occurrence
- Lithium Exploration and Resource Estimation
- Reservoir Characterization and Static and Dynamic Models
- Energy Resources and Critical Minerals in Latin America: Environmental Challenges and Forecasts

GEODATA SCIENCE AND ARTIFICIAL INTELLIGENCE

- Application of ML and AI in Well Logs
- Uses of ML and AI in Seismic Interpretation and Fault picking
- Forecast and Prediction of Hydrocarbon (Oil and/or Gas) Production Using ML and AI
- Application of Reinforce Learning and Advanced ML/AI Algorithms in the O&G Industry

Submissions accepted for the program determine the topics included in ICE conference technical sessions.

SUBMIT ABSTRACTS BY 19 NOVEMBER 2021

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