

WEDNESDAY 12 JANUARY

# Technical Programme

## WEDNESDAY 12 JANUARY

<b>INAUGURAL SESSION (1000 – 1300)</b>		<b>GANGA ROOM</b>
<b>EXPLORING AND PRODUCING BEYOND FRONTIERS</b>		
<b>1000-1030</b>	Film on GEO India, welcome of dignitaries by floral bouquet , lighting of lamp and release of abstract CD/technical programme	
<b>1030-1100</b>	Addresses by dignitaries	
<b>1100-1130</b>	Inaugural address by chief guest	
<b>1130-1200</b>	Theme address	
<b>1200-1220</b>	Declaration of Life Time Achievement & Outstanding Contribution Awards, brief on CSR initiative and photograph with winners of student's competition	
<b>1220-1240</b>	Inauguration of exhibition	
<b>1240-1300</b>	Inauguration of poster sessions	
<b>1300-1400</b>	Lunch break	

### SESSION 1

TRACK I (1400-1550)

### PETROLEUM SYSTEM & BASIN ANALYSIS

YAMUNA ROOM

### Keynote Presentation

<b>1400-1430</b>	573	<b>Development of Petroleum Systems in Northern Alaska – Timing of Petroleum System Events Controls Presence of Accumulations</b> Dr. Oliver Schenk, Kenneth J Bird, Kenneth E Peters & Leslie B Magoon, Schlumberger
<b>1430-1450</b>	584	<b>Stratigraphic Correlation and Isopach Maps of Punjab Plateform in Middle Indus Basin, Pakistan</b> Dr. Naseem Aadil & Ghulam Mohyuddin Sohail, Dept. of Geological Engineering
<b>1450-1510</b>	684	<b>Petroleum System Events in Eastern Part of the Ganga Basin</b> Dr. Sudhir Kumar Mathur, B N S Naidu & Sap Mahapatra, Subhrashish Adhikari, Pinakadhar Mohapatra, J A P Clayburn & Stuart D Burley, Cairn Energy India Ltd.
<b>1510-1530</b>	685	<b>Petroleum System Modelling of Assam Shelf (Northern Part) and Naga-Schuppen Belt in Assam &amp; Assam Arakan Basin, India</b> H J Singh, Singh Harvir, Chakrabarti SK, Akhtar M S, Pahari S & Singh R K, ONGC
<b>1530-1550</b>	678	<b>Integrating 3-D Seismic Attributes and 3-D Petroleum System Modeling for Analysing Exploration uncertainties in Geleki and Adjoining Areas. A Case Study of Assam &amp; Assam Arakan Basin, India</b> M D S Akhtar, S K Chakrabarti, Ram Krishna Singh, S Pahari, C Singh, Harvir Singh, H J Singh, Sanjive Mayor & Manoj Asthana, ONGC
<b>Reserve / poster</b>	498	<b>Integrated Analysis of Open Hole Logs and Well and Production Data for Deciphering Current Status of a Reservoir in a Matured Field- Example of TS2 Paysand of Lakwa Field, India</b> Ashok Kumar, Yogesh Chandra & Shri Pati Das, ONGC

### SESSION 1

TRACK II (1400-1550)

## WEDNESDAY 12 JANUARY

<b>PETROLEUM SYSTEM &amp; BASIN ANALYSIS</b>	<b>BRAHMAPUTRA ROOM</b>
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### Keynote Presentation

<b>1400-1430</b>		<b>Deep Water Geomorphology and Exploration Implication</b> Dr. Bilal U Haq, National Science Foundation, USA
<b>1430-1450</b>	488	<b>Determining the Palaeogeographic Evolution and Source to Sink Relationships of Indian Offshore Sedimentary Basins</b> Andrew Quallington, GETECH
<b>1450-1510</b>	519	<b>Geostress Assisted Evolving Permeability Anisotropy and its Possible Implication in Hydrocarbon Exploration and Exploitation</b> Dr. Rajendra Kukmar Dubey, ISM, Dhanbad
<b>1510-1530</b>	679	<b>Paradigm Shift in Exploration Strategy: Identification of Prospective Corridors in Ramnad- Palk Bay Sub Basin, Cauvery Basin, India</b> Chandan Chakraborty, D K Srivastava, M S Rana, V M Saxena & G C Sati, ONGC
<b>1530-1550</b>	698	<b>Analysis of Lows and their Implications for Additional Oil &amp; Gas within Mumbai High Field</b> P Satyanarayana, S K Srivastava, Abhijit Chatterjee & Mahendra Pratap, ONGC
<b>Reserve / poster</b>	480	<b>Reconstruction of the Depositional Setting of an Early Oligocene Siliciclastic Reservoirs in the Tapti Daman Sub Basin: An Integrated Study Using Borehole Images</b> Kaushik Sikdar, V B Kumbhar, P P S Majithia, K Rao, D Roy, A Pal, S Parashar, I Basu & K M Sundaram, Schlumberger Asia

### SESSION 1

TRACK III (1400-1550)

### STRUCTURAL ENTRAPMENT & HYDROCARBON PLAYS

SARASWATI ROOM

### Keynote Presentation

<b>1400-1430</b>		<b>3-D Structural Models of Complex Trap-Forming Structures Applications to Petroleum Exploration and Production</b> Dr. Shankar Mitra, School of Geology and Geophysics, University of Oklahoma
<b>1430-1450</b>	706	<b>Role of Deccan Volcanism in Crustal Structure and Tectonics of Bay of Bengal</b> D K Srivastava, H K Singh, M V Nambiar, R N Dwivedi, I J Kumar & M Asthana, ONGC
<b>1450-1510</b>	656	<b>Reservoir Rock Quality of the Lakadong Member in the Eastern Part of Upper Assam Basin, India</b> Pradip Borgohain & George Bernard Gilfellon, Oil India Ltd.
<b>1510-1530</b>	686	<b>Analysis of Tectonic Phases and Structural Styles During Evolution of Andaman Basin Using Restoration Technique</b> V Dangwal, D K Srivastava, Mukunda M Rajkhowa, R N Dwivedy, A K Sinha, M Mukhopadhyay, S Rangarajan & J Samal, ONGC
<b>1530-1550</b>	673	<b>Basement Configuration of Upper Assam Basin and its Structural Style in OIL's Operational Area of Upper Assam</b> Dr. Satish Kumar Thadoju, B R Bharali & A K Verma, Oil India Ltd.
<b>Reserve / poster</b>	517	<b>Structural Styles and its Implication on Petroleum Systems of North Assam Shelf, Upper Assam Basin, India</b> Mayadhar Sahoo & K D Gogoi, ONGC
<b>1550-1620</b>	<b>Session Break</b>	

### SESSION 2

TRACK I (1620-1810)

## WEDNESDAY 12 JANUARY

### NEW TECHNOLOGY LEVERAGING IN E&P BUSINESS

YAMUNA ROOM

#### Keynote Presentation

<b>1620-1650</b>		<b>Pore Pressure Analysis and the Use of Seismic Guided Drilling Technology to Manage Risks in Exploration and Production Business</b> Dr. Nader C Dutta, Western Geco
<b>1650-1710</b>	421	<b>A Practical Review of Migration Issues and Solutions</b> Dr. Ian Fredrick Jones, ION GX Technology - UK
<b>1710-1730</b>	426	<b>Metasomatic Nano-dolomitization is a New Trend in Stimulation of Petroleum Reservoirs</b> Prof. Nikolay Petrovich Zapivalov, Institute of Petroleum Geology & Geophysics
<b>1730-1750</b>	1008	<b>The Next Generation of Multiphase Meters</b> Martijn Tol, Morten Brandt, Lars Anders Ruden & Jyotsna Joshi, Roxar
<b>1750-1810</b>	646	<b>High Resolution Passive Seismic Tomography- A New Exploration Tool for Hydrocarbon Investigation, Recent Results from a Successful Case History in Albania</b> Nikos Martakis, Akis Tselentis & Paraskevas Paraskevopoulos, University of Patras, Landtech Enterprises, SA, Athens, Greece
<b>Reserve / poster</b>	558	<b>Wireless Seismic Systems - High Expectation being achieved</b> Jorgen Skjott & Jack Caldwell, Geospace Technologies

### SESSION 2

TRACK II (1620-1810)

### NEW TECHNOLOGY LEVERAGING IN E&P BUSINESS

BRAHMAPUTRA ROOM

#### Keynote Presentation

<b>1620-1650</b>		<b>Advances in Seismic Interferometry for Conventional and Unconventional Reservoir Characterisation</b> Sandeep Gulati, Vialogy
<b>1650-1710</b>	727	<b>Principle Stress Estimation in Shale Plays Using 3D Seismic</b> Ron Schmid & David Gray, CGG Veritas
<b>1710-1730</b>	599	<b>An Innovative Log Overlay Technique Based on Reverse Modeling Provides Insight into Non Archie Reservoirs of Ankleshwar Field in Cambay Basin, India</b> Aloke Kumar Bhanja, R Chandra & A Samantha, ONGC
<b>1730-1750</b>	468	<b>Formation Pressure Data Acquisition in Mud Loss Prone Zones: Case Studies from Mumbai High Field, India</b> Prasanna Tellapaneni, Schlumberger Asia
<b>1750-1810</b>	524	<b>Design Analysis of the Raymer-Hunt-Gardner Algorithm and Modification for Shaly Sands</b> K C Hari Kumar, ONGC
<b>Reserve / poster</b>	719 New	<b>Results of Preliminary Test Investigation on the Applicability of Passive Seismic Tomography in VC Block-Assam, India - Case History</b> Rohit Sinha, Nikos Markatis, Akis Tselentis, Paris Paraskevopoulos, ONGC & Land Tech Enterprise SA

## WEDNESDAY 12 JANUARY

**SESSION 2**

**TRACK III (1620-1810)**

**NON SEISMIC EXPLORATION METHODS**

**SARASWATI ROOM**

### Keynote Presentation

<b>1620-1650</b>	608	<b>Interpretation of Gravity and Magnetic Data at the Krishna-Godavari Basin, East Coast India</b> John Alfred Protacio, Naina Gupta, Abhishek Chandra, Raj Jadav, Ravi Bastia & Pranay Sangvai, ARKeX, UK
<b>1650-1710</b>	475	<b>Jaisalmer Basin of Western Rajasthan: A Gravity Perspective</b> K Arora, K Suman, M M Dixit and D Sarkar, National Geophysical Research Institute
<b>1710-1730</b>	523	<b>Logging while Drilling Aids Accurate Core Point Selection Providing Time Savings with Lower Risk</b> Farzad Irani, S P Das, N D Iswar & R Sharma, Schlumberger Asia Services Ltd.
<b>1730-1750</b>	447	<b>Short and Medium Radius Directional Drilling Application and Case Studies</b> Eric Molcore & Damien Tarpley, Weatherford Oil Tools Middle East
<b>1750-1810</b>	726	<b>Capturing Uncertainty in a Carbonate Field with Dense Well Control: Example from Western Offshore Basin, India</b> Sourav Saha, Mohit Khanna, Nazneen Sultana, Tanmoy Roy & Anurag Grover, BG E&P India Ltd.
<b>Reserve / poster</b>	454	<b>Exploitation of Untapped Oil through, conventional Inclined Wells in a Multilayered Giant Offshore Carbonate Field - A Case Study of Mumbai High South</b> Uma Goyal, Gulfaraj Anjum, S K Anand & S Chandrasekaran, ONGC