



NAPE

**37TH ANNUAL INTERNATIONAL
CONFERENCE & EXHIBITION, 2019**

TECHNICAL PAPER PRESENTATION SCHEDULE

MONDAY, NOVEMBER 18 - THURSDAY, NOVEMBER 21, 2019.

SPECIAL/LEAD TECHNICAL PAPER PRESENTATIONS

ORAL SESSION

POSTER SESSION

Editorial Board/Technical Programme Committee, 2019

NAPE AICE 2019

SPECIAL / LEAD PAPER TECHNICAL PRESENTATIONS

1. SPECIAL TECHNICAL SESSION

-- The Grand Ball Room, Eko Hotel & Suites

Topic: - *Digital Transformation in the Oil and Gas Industry.*

Speaker: - Mr. Gideon Amaechi, Country Manager, Halliburton Energy Services

Date: - Monday, November 18, 2019

Time: - 2:00 – 2:45PM

Chairman: - Mr. Femi Esan, FNAPE, Regional Technical lead/Account Manager Africa, C & C Reservoirs; President, AAPG Africa Region

Co-Chair: - Mr. Marcel Amu, Exploration Manager, JV Oil Operations, NNPC-NAPIMS

Moderator: - Abayomi Adejonwo, CEO/MD, Verity Geo-solutions, Nigeria

2. NAPE/AAPG/EAGE/SEG/ PANEL SESSION --

-- The Grand Ball Room, Eko Hotel & Suites

A. **Topic:** - *Application of Machine Learning in Geoscience: A response to societal challenges*

Speaker: - Emmanuel Sakala ([AAPG Representative](#)), Chief Scientist- Geoscience Innovation, Cape Town, South Africa Council

Time: - 3:00 – 3:30PM

B. **Topic:** - *Velocity, Imaging and Waveform Inversion – the Evolution of Characterizing the Earth's Subsurface*

Speaker: - Dr. Ian Jones, Distinguished Advisor, ION, London UK ([EAGE Representative](#))

Time: - 3:30 – 4:00PM

C. **Topic:** - *Induced Polarization Effect in time-Domain electromagnetic prospecting, noise or signal?*

Speaker: - Prof. Hesham El-Kaliouby, National Research Centre, Cairo, Egypt ([SEG Representative](#))

Time: - 4:00 – 4:30PM

Q & A Session: - 4:30 – 4:50PM

Date: - Tuesday, November 19, 2019

Chairman: - Chikwe Edoziem FNAPE, Chief Executive DVORA Consults Limited

Co-Chair 1: - Seye Ekun, Exploration Geoscience Team Lead, Chevron, Houston

Co-Chair 2: - Prof. Idara Akpabio, Professor of Geophysics, University of Uyo, Nigeria

Moderator: - Nedo Osayande FNAPE, Chairman, Belema Oil, Nigeria

SPECIAL / LEAD PAPER TECHNICAL PRESENTATIONS (Cont'd)

3. SPECIAL SESSION: CRETACEOUS BASINS IN NIGERIA -- The Grand Ball Room, Eko Hotel & Suites

Highlights of the **Cretaceous Workshop** held in Abuja BY **Dr. Joe Ejedawe**

Topic:- *Frontier Exploration of the Nigeria Transform Margin and the cretaceous Inland basins: A new look at Fluid-flow phenomena and Geochemical Database*

Speaker:- **Dr. Oluwatobi Olobayo**, CEO/Senior Geoscientist, Octivian Data Ltd, United Kingdom

Time: - 5:00 – 6:00PM

Date: - Tuesday, November 19, 2019

Chairman: - **Dr. Kehinde Ladipo FNAPE**, Senior Geoscience Advisor, Lekoil, Nigeria

Co-Chair: - **Prof. C. S. Nwajide, FNAPE FNMGS** Professor of Geology, GeoScan, Nigeria

Moderator: - **Dr. Lawrence Fadiya**, Senior Lecturer, Obafemi Awolowo University, Ile Ife, Nigeria

4. LEAD TECHNICAL PAPERS

--- Asia-Africa Hall, Eko Hotel & Suites

A. Topic: - *Reforms, Policy And Regulatory Value Proposition For Optimization Of Petroleum Business Environment In A Dynamic Global Energy Market*

Speaker: - **Dr. Nuhu Habib**, Department Of Petroleum Resources, Nigeria

Date: - Wednesday, November 20, 2019

Time: - 8:00 - 8:40 AM

B. Topic: *High Resolution Velocity and Impedance Estimation using Refraction and Reflection Full Waveform Inversion*

Speaker: **Dr. Ian F. Jones**, Ion Geophysical, UK

Date: - Wednesday, November 20, 2019.

Time: 8:45 - 9:20 AM

Chairman: - **Abayomi Adejonwo**, CEO/MD, Verity Geo-solutions, Nigeria

Co-Chair:- **Dr. Jerome Asedegbega**, CEO/MD, G-Cube Integrated Services Ltd

Moderator: **Afolabi Fatunmbi**, Senior Geoscientist, Shell Petroleum Development Company

5. LEAD TECHNICAL PAPER

--- Asia- Africa Hall, Eko Hotel & Suites

Topic: **Talent Management, Capacity Building and the Next Generation of the E&P Managers**

Speaker: Ihuaku Chioma Ugwu, HR Enabler for Sub Sahara Africa, Schlumberger

Date: - Thursday, November 21, 2019.

Time: 8:00 – 8:40 AM

Chairman: **Dr. Wasiu Odufisan CPG, FNAPE**, TOPAZ V&E Technical and Behavioural Training Services

Co-Chair: **Prof Mary Olowokere**, Shell Professorial Chair, Obafemi Awolowo University, Ile ife

Moderator: **Prof. S. Akande FNAPE**, Professor of Geology, University of Ilorin, Nigeria

ORAL SESSION

WEDNESDAY, NOVEMBER 20 - THURSDAY, NOVEMBER 21, 2019

WEDNESDAY, NOVEMBER 20, 2019 - TECHNICAL PRESENTATIONS 1

LEAD TECHNICAL PAPER 1: REFORMS, POLICY AND REGULATORY VALUE PROPOSITION FOR OPTIMIZATION OF PETROLEUM BUSINESS ENVIRONMENT IN A DYNAMIC GLOBAL ENERGY MARKET

SPEAKER: DR. NUHU HABIB, DEPARTMENT OF PETROLEUM RESOURCES, NIGERIA

TIME: 8:00 - 8:40 AM

LEAD TECHNICAL PAPER 2: HIGH RESOLUTION VELOCITY AND IMPEDANCE ESTIMATION USING REFRACTION AND REFLECTION FULL WAVEFORM INVERSION

SPEAKER: DR. IAN F. JONES, ION GEOPHYSICAL

AUTHORS: Ian F. Jones, Jeet Singh, Johnny Chigbo, Philip Cox, Colin Hawke, Dale Harger, Stuart Greenwood

TIME: 8:45 - 9:20 AM

CHAIRMAN/CO-CHAIR/MODERATOR: ABAYOMI ADEJONWO, DR. JEROME ASEDEGBEGA, AFOLABI FATUNMBI

TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE SESSION 1 - ANTARCTICA MEETING ROOM

SUBTHEMES 3: ADVANCES IN GEOPHYSICS: DATA ACQUISITION AND SUBSURFACE IMAGING, PROCESSING AND INTERPRETATION USING SEISMIC, NON-SEISMIC AND MULTI-PHYSICS APPROACHES

SUBDISCIPLINE: GEOPHYSICS: 5D, 4D & 3D SEISMIC, SEISMIC PROCESSING & PORE PRESSURE PREDICTION

Chair/Co-Chair: Jerome Tsakma, John Benoit, Jerome Asedegbega, K. K. Nwozor

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER	
1903-GPHY-01	WEDNESDAY, 20/11/2019	09:30 - 10:00	A Methodology for Managing Risk to Volume Promise in an Amplitudes Supported Reservoir	Augustine Anaevune, Ernest Ikpolo, Obioma Umunna	ANAEVUNE, A.	
1903-GPHY-03		10:00 - 10:30	An Integrated Geophysical Approach to the Re-evaluation of a Deltaic Reservoir Using Reprocessed APSDM Seismic Data in Isuo Field, OML 104, Nigeria JV	Omeni G., Bansal R., Akinpelu J., Diakparomre U. and Wudiri B	OMENI, G.	
		10:30 - 10:40	TEA/COFFEE BREAK			
1903-GPHY-06		10:40 - 11:10	Benefits of Integration of Shallow Geohazards Considerations Early in the Well Planning Process	UMUNNA, Obioma*; KANU, Magnus; IKPOLO, Ernest	UMUNNA, O.	
1905-CMFO-02		11:10 - 11:40	Evaluation of Pore Pressure Depletion and its Effect on Rock Strength Prediction for Niger Delta Formations	¹ Messi .G. Jovani and ² Adeiwale Dosunmu	JOVANI, M. G.	
1903-GPHY-22		11:40 - 12:10	Post-Drill 1D High Resolution Formation Pressure Gradient Model Analysis of an Offshore Field, Niger Delta.	Okeke G.C ^{1*} , Ojelabi A. ² , Mboto J. ² , Anakwuba E.K ¹ , Adamo G ² and Ajaegwu N.E ¹	OKEKE, G. C.	
1902-RCMD-06		12:10 - 12:40	Development of Geo-Mechanical Properties of Rocks for Wellbore Stability Management within the Niger-Delta, Nigeria	Fabulous Idam, Adeiwale Dosunmu and Nasiru Muhammed	IDAM, F.	

12:40 - 13:30 LUNCH

Chair/Co-Chair: Abayomi Adejonwo, Ya'u Mohammed, Felix Obere, Godwin Agunwoke

1903-GPHY-30	WEDNESDAY, 20/11/2019	13:30 - 14:00	Role of Advanced Seismic Processing in De-risking Investment Decisions in a Poorly Imaged, Structurally Complex Usari Graben	Olatunbosun A.T.*, Orupabo S.A., Bansal R.	OLATUNBOSUN, A. T
1903-GPHY-12		14:00 - 14:30	FWI model deployment produces a step change in model building onshore and offshore Nigeria	Van de Rijzen, M.J., Okpobia, O.	RIJZEN, V. D
1903-GPHY-02		14:30 - 15:00	An Integrated Approach to Reservoir Risk Mitigation in Near Field Prospects & Leads, Shallow Water Offshore, Niger Delta	Adelola Adesida, Debo Enilolobo, Kate Iwe & Chris Ukoko	ADESIDA, A.
1903-GPHY-16		15:00 - 15:30	Impact of Shallow Water Seismic Processing on Integrated Well Delivery	T.T. AMBA-AMBAIOWEI, C. CHIEJEH, N. AMADI-Obi, M. van de RIJZEN, O. OKPOBIA and D. URAECHU	AMBAIOWEI, T. T

15:30 - 15:40 TEA/COFFEE BREAK

Chair/Co-Chair: Reginald Mba, Magnus Kanu, Prof. M. Adabanija, A. Owoyemi

1903-GPHY-07	WEDNESDAY, 20/11/2019	15:40 - 16:10	Benefits of Pre-Stack Depth Migration reprocessing on exploration prospects – Case Study from deep water Niger Delta, Nigeria.	Adeleye, Kolade; Okafor, Chioma; Akinyemi, Fisoye; Afolayan, Femi; Ogedengbe, Jogun; Fola Soetan; Iyiola, Sunkanmi; Todd, Brown	KOLADE, A.
1903-GPHY-15		16:10 - 16:40	Impact of Re-Processed Seismic in Prospect Maturation	Reginald Jack; Tanmay Mallick; Idris Yamusa; Johnbosco Uche	JACK, R.
1903-GPHY-25		16:40 - 17:10	Quality Control of Velocity Model Building Process for a Robust Time to Depth Conversion	Madu, Robinson Osita and Atheta Orrelo Jerry	MADU, R. O.
1903-GPHY-33		17:10 - 17:40	Shear Wave Reflection Processing and Imaging of Multi Component Cross-Well Data	Raji, W. O. and Harris, J. M.	RAJI, W. O

CLOSING

WEDNESDAY, NOVEMBER 20, 2019 - TECHNICAL PRESENTATIONS 2

LEAD TECHNICAL PAPER 1: REFORMS, POLICY AND REGULATORY VALUE PROPOSITION FOR OPTIMIZATION OF PETROLEUM BUSINESS ENVIRONMENT IN A DYNAMIC GLOBAL ENERGY MARKET

SPEAKER: DR. NUHU HABIB, DEPARTMENT OF PETROLEUM RESOURCES, NIGERIA

TIME: 8:00 - 8:40 AM

LEAD TECHNICAL PAPER 2: HIGH RESOLUTION VELOCITY AND IMPEDANCE ESTIMATION USING REFRACTION AND REFLECTION FULL WAVEFORM INVERSION

SPEAKER: DR. IAN F. JONES, ION GEOPHYSICAL

AUTHORS: Ian F. Jones, Jeet Singh, Johnny Chigbo, Philip Cox, Colin Hawke, Dale Harger, Stuart Greenwood

TIME: 8:45 - 9:20 AM

CHAIRMAN/CO-CHAIR/MODERATOR: ABAYOMI ADEJONWO, DR. JEROME ASEDEGBEGA, AFOLABI FATUNMBI

TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE SESSION 2 - AUSTRALIA MEETING ROOM

SUBTHEMES 2: BASIN ANALYSIS, PETROLEUM SYSTEM CHARACTERIZATION AND MODELLING: NEW PLAYS AND NEW APPROACHES FOR EXPLORATION AND PRODUCTION IN THE CRETACEOUS AND CENOZOIC BASINS

SUBDISCIPLINE: INTEGRATED RESERVOIR MODELLING, RESERVOIR CHARACTERIZATION, FORMATION EVALUATION, FIELD DEVELOPMENT

Chair/Co-Chair: John Adegoke, Prof. M. N. Oti, Olumide Lawal, Dipo Falade,

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER	
1902-RCMD-49	WEDNESDAY, 20/11/2019	09:30 - 10:00	It Pays to go Big: Discovering New Development Opportunities through Appropriate Project Framing and Modeling Efficiencies	Eric Tuitjer , Oyie Ekeng, Emeka Anyanwu, Yusuf Nurudeen, Sait Kocerber, Henry Enekhai.	TUITJER, E.	
1902-RCMD-38		10:00 - 10:30	Resolving Dolly M1000 reservoir in-place Volume under-estimation Issues through Integrated Application of Subsurface Model Predictions.	Ikpolo Ernest*, Kanu Magnus, Tafida Maryam, Okereke Onyedikachi	IKPOLO, E.	
TEA/COFFEE BREAK						
1902-RCMD-15		10:40 - 11:10	Integrated 3D Geological Reservoir Modeling for Sand Body Geometry and Heterogeneity Delineation: Implication for Hydrocarbon Assessment and Enhanced Volumetrics Of GMEDAL Field, Offshore, Niger Delta	Oyesomi Hammed ¹ , Bashir Koledoye ¹ , Kunle Ajao ² , Jude Ojero ³ , ⁴ Christopher A. Jackson, ⁵ Oladele Sunday, ⁶ Adepelumi Adekunle	HAMMED, O.	
1902-RCMD-48		11:10 - 11:40	Use of Integrated Fault Seal Evaluation Methods in Optimising Infill Well Placement for Unswept Condensate in the Akpo Anticline	Livinus NOSIKE, Gabriel UWERIKOWE, Adeoye ADEYEMI, Musa USMAN	NOSIKE, L.	
1902-RCMD-12		11:40 - 12:10	Geostatistical Prediction of Turbidite Reservoir Heterogeneity and Quality in "AFUN" Field Deep offshore Niger Delta, Nigeria.	Ajisafe, Y. C. ^{1*} and Olowokere, M. T. ²	AJISAFE, Y. C.	
1902-RCMD-19		12:10 - 12:40	Looking beyond known Plays on a Field - Experience from a Matured Field in the Niger Delta	¹ O. AWOBADEJO, ² E. EDIDIIONG-UMOH, ³ S. ADEBAYO, ⁴ D.UDOH, ⁵ M. OGWOGHO	AWOBADEJO, O.	
12:40 - 13:30 LUNCH						

Chair/Co-Chair: Dapo Adeyemo, Nonny Nwogbo, Cyril Okaonu, Acra Jones

1903-GPHY-29	WEDNESDAY, 20/11/2019	13:30 - 14:00	Robust AVA Characterization: A Case Study in the Deepening of a Well for an Infill Opportunity in the Conventional Offshore Niger Delta	Olatunbosun OLAGUNDOYE*, Patrick IDOKO, Stephen ADEBAYO, Edidiiong Edidiiong -UMOH, Olanrewaju AWOBADEJO, Mobolaji FASHANU, and Christopher ENUMA	OLAGUNDOYE, O.
1902-RCMD-50		14:00 - 14:30	Reservoir Evaluation using Integrated Approach: A Case study of OBI and TOPA Fields Niger Delta	Ibeneme Sabinus I, Obichukwu Paul T., Njokku Ikechukwu O., Nwigbo Ukamaka N., Osung Wilson E., Onyekuru Samuel o. and Selemo Alexander O	SABINUS, I.
1902-RCMD-33		14:30 - 15:00	Reservoir Properties Prediction of Different Depositional Environments, Onshore Western Niger Delta	Magbagbeola, O. A ¹ ., Olayinka, A. I ² .	MAGBAGBEOLA, O.A.
1902-RCMD-24		15:00 - 15:30	Optimizing Reservoir Recovery through Enhanced Geological Evaluation: A Case Study Of YYY Field Onshore Niger Delta	N.I. Nnakenyi, M.K. Oladipo, A.Z. Isyaka	NNAKENYI, N. I.
15:30 - 15:40 TEA/COFFEE BREAK					

Chair/Co-Chair: Genevieve Okeke, Understanding Aikulola, Victor Ogujiofor, Prof. N. E. Bassey

1902-RCMD-01	WEDNESDAY, 20/11/2019	15:40 - 16:10	A Fit-for-Purpose Geological Evaluation Workflow for Non-Rig Well Work	Omotayo-Johnson, Mobolaji; Kuku, Abimbola	OMOTAYO-JOHNSON, M.
1902-RCMD-23		16:10 - 16:40	Optimizing Hydrocarbon Recovery & Reducing In-Place Volume Uncertainty with Integration of PSDM (Reprocessed 1992 Vintage Seismic Data-set)	MICHAEL CHUKWUMA, Chijioke ORJI*, Patrick IDOKO*, Aymen MECHERGUI***, Yetunde ADE-ONOJOBI	CHUKWUMA, M.
1903-GPHY-19		16:40 - 17:10	Multi-Attribute Seismic Analysis in Reservoir Properties Prediction for Prospect De-risking in X Field Onshore, Niger Delta	Olalekan Ogundipe, Inikpi Equere, Norbert Nnakenyi	OGUNDIPE, O.
1902-RCMD-50		17:10 - 17:40	Integrating checks and controls within the well delivery process to deliver a successful "development" well under challenging subsurface data conditions.	Inaingo Osuagwu, Miguel Mora-Glukstad, Kelly Maguire, John Emesi, Otung Daniel and Elias Arochukwu	Osuagwu, I

CLOSING

WEDNESDAY, NOVEMBER 20, 2019 - TECHNICAL PRESENTATIONS 3

LEAD TECHNICAL PAPER 1: REFORMS, POLICY AND REGULATORY VALUE PROPOSITION FOR OPTIMIZATION OF PETROLEUM BUSINESS ENVIRONMENT IN A DYNAMIC GLOBAL ENERGY MARKET

SPEAKER: DR. NUHU HABIB, DEPARTMENT OF PETROLEUM RESOURCES, NIGERIA

TIME: 8:00 - 8:40 AM

LEAD TECHNICAL PAPER 2: HIGH RESOLUTION VELOCITY AND IMPEDANCE ESTIMATION USING REFRACTION AND REFLECTION FULL WAVEFORM INVERSION

SPEAKER: DR. IAN F. JONES, ION GEOPHYSICAL

AUTHORS: Ian F. Jones, Jeet Singh, Johnny Chigbo, Philip Cox, Colin Hawke, Dale Harger, Stuart Greenwood

TIME: 8:45 - 9:20 AM

CHAIRMAN/CO-CHAIR/MODERATOR: ABAYOMI ADEJONWO, DR. JEROME ASEDEGBEGA, AFOLABI FATUNMBI

TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE SESSION 3 - AMERICA MEETING ROOM

SUBTHEMES 4: NEW TECHNOLOGY APPLICATION IN EXPLORATION AND PRODUCTION: BIG DATA, DIGITALIZATION, DATA ANALYTICS AND ARTIFICIAL INTELLIGENCE OPPORTUNITIES AND CHALLENGES FOR THE OIL AND GAS INDUSTRY

SUBDISCIPLINE: BIG DATA ANALYTICS, MACHINE LEARNING/ARTIFICIAL INTELLIGENCE AND NEW METHODS IN GEOSCIENCES

Chair/Co-Chair: Gideon Amaechi, Wole Sebioba, Abayomi Adejonwo, Ifeanyi Obi

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER	
1904-NTAP-06	WEDNESDAY, 20/11/2019	09:30 - 10:00	Big Data, Internet of Things and Artificial Intelligence: Survival Kits For The Oil And Gas Industry In The Fourth Industrial Revolution	Abegunde Adebawale Nathaniel	ABEGUNDE, A. N	
1904-NTAP-08		10:00 - 10:30	Challenges and Solution to AI Application in E&P Decision-Making	S. Qing Sun, Shengyu Wu, A. Oluwafemi Esan	ESAN, O.	
		10:30 - 10:40	TEA/COFFEE BREAK			
1904-NTAP-05		10:40 - 11:10	Big Data Analytics: A New Innovative Tools for Hydrocarbon Exploration and Optimization	OSUNRINDE T.O, AJIBOYE O.A AND FASHAGBA I.M	OSUNRINDE, T. O.	
1904-NTAP-18		11:10 - 11:40	Lithostratigraphic Study of Part of the Mid-Niger Basin Using Field Mapping, Laboratory Technique and Data Analytics	Victor Imomoh	IMOMOH, V.	
1904-NTAP-04		11:40 - 12:10	Application of Neural Network and Multi-Linear Regression in Permeability Estimation and Petrofacies analysis: A Case Study of Awe Field in the Niger Delta.	Daniel Fadokun* and Kelechi Daniel	FADOKUN, D.	
1904-NTAP-09		12:10 - 12:40	Comparative Analysis of Rock Elastic Properties Derived by Seismic and Well Log Data, using Artificial Intelligence (ANN)	Ajah .J. Nnamdi and Adewale Dosunmu	NNAMDI, A. J.	
		12:40 - 13:30	LUNCH			

Chair/Co-Chair: Charles Otoghile, Jerome Asedegbega, Prof. M. Adabanija, Gbenro Adeyinka

1904-NTAP-19	WEDNESDAY, 20/11/2019	13:30 - 14:00	Machine Learning Algorithm for Estimating Oil Recovery Factor Using a Combination of Engineering and Stratigraphic Dependent Parameters	Kachalla Aliyuda and John Howell	ALIYUDA, K.
1904-NTAP-24		14:00 - 14:30	Utilization of Big Data Analytics for Efficient Refinery Operations	Wilson Fidelis Ekpotu	EKPOTU, W. F.
1902-RCMD-22		14:30 - 15:00	Optimized Cementation Factor (M) and Tortuosity (A) Values for Fields in the Northern Depo Belt of the Niger Delta Province using Nonlinear Regression Method	¹ Rex Ome, ² Juliet Emudianughe, ³ Diepiriye C. Okujagu	OME, R.
1904-NTAP-20		15:00 - 15:30	Mathematical Modelling and Development of A Computer Tool for Laboratory Methane Gas Production From Hydrates by Depressurization Method	Luis Alejandro Torres Doria ^{1*} , Andrés Felipe Ortiz ¹ , Nicolás Santos Santos ¹	TORRES DORIA, L. A.
		15:30 - 15:40	TEA/COFFEE BREAK		

Chair/Co-Chair: Anthony Ofoma, Olarewaju Ojo-Aromokudu, Akata N. Inyang, Abayomi Adejonwo

1904-NTAP-11	WEDNESDAY, 20/11/2019	15:40 - 16:10	Digital Rock Core Simulation of Gas Enhanced Oil Recovery,	Oluwakemi Olofinnika	OLOFINNIKA, O.
1904-NTAP-23		16:10 - 16:40	Subsea Water Treatment and Injection - Increased Oil Recovery and Reduced Cost	Torbjørn Hegdal, Samuel Haruna, Ese Avanoma	HEGDAL, T.
1904-NTAP-15		16:40 - 17:10	GMAG An Interactive Software for Advanced Processing and Interpretation of Potential Field Data	Sesan Cornelius FALADE ⁺ , Musa Olufemi AWOYEMI	FALADE, S. C
1904-NTAP-10		17:10 - 17:40	Cross Platform libraries to Parse Well Log files a Machine Learning Language approach	Okeugo, Chukwudike G, Eze Kingsley Ikechukwu	IKECHUKWU, E. K.

CLOSING

WEDNESDAY, NOVEMBER 20, 2019 - TECHNICAL PRESENTATIONS 4

LEAD TECHNICAL PAPER 1: REFORMS, POLICY AND REGULATORY VALUE PROPOSITION FOR OPTIMIZATION OF PETROLEUM BUSINESS ENVIRONMENT IN A DYNAMIC GLOBAL ENERGY MARKET

SPEAKER: DR. NUHU HABIB, DEPARTMENT OF PETROLEUM RESOURCES, NIGERIA

TIME: 8:00 - 8:40 AM

LEAD TECHNICAL PAPER 2: HIGH RESOLUTION VELOCITY AND IMPEDANCE ESTIMATION USING REFRACTION AND REFLECTION FULL WAVEFORM INVERSION

SPEAKER: DR. IAN F. JONES, ION GEOPHYSICAL

AUTHORS: Ian F. Jones, Jeet Singh, Johnny Chigbo, Philip Cox, Colin Hawke, Dale Harger, Stuart Greenwood

TIME: 8:45 - 9:20 AM

CHAIRMAN/CO-CHAIR/MODERATOR: ABAYOMI ADEJONWO, DR. JEROME ASEDEGBEGA, AFOLABI FATUNMBI

TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE SESSION 4 - ASIA MEETING ROOM

SUBTHEMES 1, 5, 6 & 8: PETROLEUM BUSINESS AND REGULATORY ENVIRONMENT; CONTRIBUTION OF INDIGENOUS/MARGINAL OPERATORS; TALENT MANAGEMENT, CAPACITY BUILDING AND THE NEXT GENERATION OF E & P MANAGERS; E&P ACTIVITIES AND THE ENVIRONMENT

SUBDISCIPLINE: PETROLEUM BUSINESS REGULATIONS, ENVIRONMENTAL IMPACT ASSESSMENT & HUMAN CAPACITY DEVELOPMENT

Chair/Co-Chair: Mascot Ogunjemiyo, Akinrinlola Olafioye, Enyinnaya Eteh, Taiwo Razak, Pat Maseli

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER	
1901-PBRE-01	WEDNESDAY, 20/11/2019	09:30 - 10:00	A Critique of the PIGB: Impact on Extant Environmental Legislations	¹ T.B Olayioye, ² A.S Kalgo and ³ C.N Ofor-Chukwu	OLAYIOYE, T. B	
1901-PBRE-02		10:00 - 10:30	CRITICAL PETROLEUM INVESTMENT CHALLENGES IN NIGERIA	Ebere Benard	BENARD, E.	
		10:30 - 10:40	TEA/COFFEE BREAK			
1901-PBRE-03		10:40 - 11:10	The Impact of Nigerian Gas Flare Commercialization Program (NGFCP) on Domestic Gas Market.	OLATUNJI, Olawunmi .O.	OLAWUNMI, O.	
1908-EPAE-02		11:10 - 11:40	A Self-Assessment of the National Oil Spill Detection and Response Agency's (NOSDRA) management of oil spills (2007-2017)	A.S Kalgo and T.B Olayioye	KALGO, A. S.	
1908-EPAE-11		11:40 - 12:10	Review of Commercially Available Technologies and Policies to Reduce Gas Flaring in Nigeria	¹ Yahaya-Shiru, M., ² Igwe, O., and ³ Kalgo, A.	YAHAYA-SHIRU, M.	
1908-EPAE-10		12:10 - 12:40	Oil Spill Management in Nigeria NOSDRA Perspective	Ogu C. ^a , Ukeje Z. ^b , Yahaya-Shiru. M. ^c , Okorie C.O. ^d , and Olayioye B.T. ^e	OGU, C.	

12:40 - 13:30 LUNCH

Chair/Co-Chair: Johnbosco Onyeji, O. O. Omoirabor, Fidelis Agbemedahor, Prof. T. A. Adedosu

1908-EPAE-08	WEDNESDAY, 20/11/2019	13:30 - 14:00	Goal Zero Achievement in Bonga Turn Around Maintenance (TAM) - A Reflection on Critical Onshore Health, Safety and Environmental Management Contributions.	John Aondoaseer Jia, Samuel Awonusi,	JIA, J. A.
1908-EPAE-09		14:00 - 14:30	Impact of recent remedial measures on soil and groundwater quality at an extensive oil and gas facility in Bonny, South-Southeast Nigeria	Ogbonnaya Igwe ¹ and Onwuka Solomon ¹	IGWE, O.
1908-EPAE-14		14:30 - 15:00	Time-lapse Seismic Inversion for Mitigating CO ₂ Leakages in Geological Storages: The third helix in the mitigation Global Warming	Raji, W. O.	RAJI, W. O.
1908-EPAE-06		15:00 - 15:30	Efficacy of Hydrocarbon Degrading Bacteria Isolated from Contaminated Soil and Water Samples from Ogoni-Land, Niger Delta.	Ehinola, O. A.* , Olayanju, G. O.* and Adekanbi, A. O.	EHINOLA, O. A.

15:30 - 15:40 TEA/COFFEE BREAK

Chair/Co-Chair: Babatunde Alalade, Golda Nwobi, Joseph Asiedu, Prof. N. E. Bassey

1908-EPAE-03	WEDNESDAY, 20/11/2019	15:40 - 16:10	Assessment of heavy metal pollution in marine sediments receiving produced water, Delta State, Nigeria	Moses Ngwoke, Ogbonnaya Igwe, Obinna Hyginus Ozioko	NGWOKE, M.
1905-CMFO-01		16:10 - 16:40	Ascertaining Economic Viability of In-Place Volume through Reservoir Recharacterization OBOM	Okobiebi Onome and Usen Osahon, Ogbuli Andrew	OKOBIEBI, O.
1903-GPHY-05		16:40 - 17:10	Application of Seismic Attributes for Hydrocarbon Prospectivity Studies in Abu Field, Onshore Niger Delta	Muazu Abdulhakeem Abdul	ABDUL, M. A.
1906-TMCB-01		17:10 - 17:40	BUILDING AND DEVELOPING TALENTS TO FACE TOMORROW'S PROBLEM	Okolobe Louisa Daro	DARO, O. L.

CLOSING

THURSDAY, NOVEMBER 21, 2019 - TECHNICAL PRESENTATIONS 1

LEAD TECHNICAL PAPER: TALENT MANAGEMENT, CAPACITY BUILDING AND THE NEXT GENERATION OF THE E&P MANAGERS

SPEAKER: IHUAKU CHIOMA UGWU, HR ENABLER, SUB SAHARA AFRICA, SCHLUMBERGER

TIME: 8:00 - 8:45 AM

CHAIRMAN/CO-CHAIR/MODERATOR: DR. WASIU ODUFISAN, PROF. M. OLOWOKERE, PROF. S. AKANDE

TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE SESSION 1 - ANTARCTICA MEETING ROOM

SUBTHEMES 3: ADVANCES IN GEOPHYSICS: DATA ACQUISITION AND SUBSURFACE IMAGING, PROCESSING AND INTERPRETATION USING SEISMIC, NON-SEISMIC AND MULTI-PHYSICS APPROACHES

SUBDISCIPLINE: GEOPHYSICS: SEISMIC ACQUISITION, FAULT SEAL ANALYSIS & RESERVOIR GEOPHYSICS

Chair/Co-Chair: Kola Fabiyi, Adekunle Adepelumi, Folami Soetan, Tope Adelaja

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER	
1903-GPHY-20	THURSDAY, 21/11/2019	09:00 - 9:30	Node on Node Highly Repeatable Acquisition for Reservoir Monitoring Bonga Field Offshore Nigeria	Emmanuel Saragoussi ¹ , Idris Yamusa ¹ , Osahon Osabuohien ¹ , Adedolapo O Adegbite ¹ , Oke Okpobia ²	SARAGOUSSI, E.	
1903-GPHY-09		09:30 - 10:00	Deep Imaging of On-shore Niger Delta for Near Field Exploration-Bazaar Case Study	Deborah Uraechu; Adeboye Oni; Nze Amadi-Obi; Olise Okonicha	URAECHU, D.	
1903-GPHY-08		10:00 - 10:30	Challenges and Prospects of Seismic Data Acquisition in the Shallow Offshore Areas of the Niger Delta, Nigeria: An Indigenous Seismic Company's Experience	Azubuikwe W. Okezie, Etim D. Uko, and Anthony E. Ofoma	OKEZIE, A. W.	
TEA/COFFEE BREAK						
1903-GPHY-18		10:40 - 11:10	Integration of Geophysical data for Hydrocarbon Prospectivity of Morondava Basin, Mozambique Channel, Offshore East Africa	Irewole Ayodele, Adeleke Orimolade	AYODELE, I.	
1903-GPHY-34		11:10 - 11:40	Spectral Decomposition for Delineating Fluvial Channel Systems in the F3 Block, North Sea Basin	Adeoti, L., Osinaike A.A., Ademilola, J. A, Allo, O.J., Adeogun, O.Y. and Oyeniran, T.A.	ADEOTI, L	
1903-GPHY-14		11:40 - 12:10	Impact of 4D OBN delivery on BOA Asset Development	Oke Okpobia; Understanding Aikulola; Idris Yamusa	OKPOBIA, O.	
1903-GPHY-38		12:10 - 12:40	Using Forward Modelling to Guide Accelerate Exploration, Offshore Nigeria	Rob Campbell, Mike Branston, Emmanuel Saragoussi, Ifeanyi Ifeonu	CAMPBELL, R.	
12:40 - 13:30 LUNCH						

Chair/Co-Chair: Prof. Rahaman, Ehi Bazuaye, Kunle Ajao, , Marcel Amu

1903-GPHY-28	THURSDAY, 21/11/2019	13:30 - 14:00	Quantitative Fault-Seal Prediction in 'Ikeuka' Field, Onshore Niger Delta Nigeria	Onyekuru Samuel Okechukwu, Njoku, Ikechukwu O., Nwigbo, Ukamaka N., Ikoro, Diugo Okereke and Ibeneme, Sabinus I.	OKECHUKWU, O. S.
1903-GPHY-10		14:00 - 14:30	Fault Reactivation and Hydrocarbon Leakage Assessment in the Offshore Orange Basin Using 3D Seismic Reflection Data	Ahmed I. Isiaka, R.J. Durrheim and M.S.D. Manzi	ISIAKA, A.
1903-GPHY-11		14:30 - 15:00	First Non-ghosted Depth-Migrated 4D Signal on Akpo Field: From Acquisition to Innovative Processing Adaptations and Impact.	A. ADEYEMI, M. ESOTU*, M. ERBETTA, E. OGU, R. SALAMI and P. Smith.	ADEYEMI, A.
1903-GPHY-35		15:00 - 15:30	Subsurface Image Enhancement Workflow Economic impacts and Risk Mitigation	Debo Eniilolobo, Adelola Adesida, Kate Iwe & Chris Ukoko.	ENILOLOBO, D.
15:30 - 15:40 TEA/COFFEE BREAK					

Chair/Co-Chair: Jake Emakpor, Reginald Onyirioha, Adekunle Sofolabo, Tope Olabiyi,

1903-GPHY-39	THURSDAY, 21/11/2019	15:40 - 16:10	When Acoustic Impedance Inversion will not Work: A Case Study of the Yazi Field, Onshore Nigeria	Okereke Nnenna*, Kanu Magnus, Mushi Catherine,	NNENNA, O.
1903-GPHY-32		16:10 - 16:40	Selective Influence of Pre-existing Intra-Basement Shear Zones on Rift-related Normal Faults: Insights from 3D Seismic Reflection.	Edoseghe Edwin Osagiede, Atle Rotevatn1, Rob Gawthorpe, Thomas Berg Kristensen, Christopher A-L Jackson, Nicola Marsh	OSAGIEDE, E. E
1903-GPHY-36		16:40 - 17:10	Unlocking Hydrocarbon Maturation Opportunities in Afime and Angel Fields By Re-Processing Legacy Surveys	Osimobi, J.C*, Ekemezie, I., and van de Rijzen M.J.	OSIMOBI, J. C.

CLOSING

THURSDAY, NOVEMBER 21, 2019 - TECHNICAL PRESENTATIONS 2

LEAD TECHNICAL PAPER: TALENT MANAGEMENT, CAPACITY BUILDING AND THE NEXT GENERATION OF THE

SPEAKER: IHUAKU CHIOMA UGWU, HR ENABLER, SUB SAHARA AFRICA, SCHLUMBERGER

TIME: 8:00 - 8:45 AM

CHAIRMAN/CO-CHAIR/MODERATOR: DR. WASIU ODUFISAN, PROF. M. OLOWOKERE, PROF. S. AKANDE

TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE SESSION 2 - AUSTRALIA MEETING ROOM

SUBTHEMES 2: BASIN ANALYSIS, PETROLEUM SYSTEM CHARACTERIZATION AND MODELLING: NEW PLAYS AND NEW APPROACHES FOR EXPLORATION AND PRODUCTION IN THE CRETACEOUS AND CENOZOIC BASINS

SUBDISCIPLINE: INTEGRATED RESERVOIR MODELLING, RESERVOIR CHARACTERIZATION, SEDIMENTOLOGY/ICHTNOLOGY/STRATIGRAPHY,

Chair/Co-Chair: Kehinde Olafiranye, Onyie Ekong, Ebere Benard, Prof. O. Chiaghanam

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER	
1902-RCMD-05	THURSDAY, 21/11/2019	09:00 - 09:30	Developing Thin Oil Column Reservoirs – A Case Study in Usari Field	Orupabo S., Olatunbosun A., Hoda N., Zhou J	ORUPABO, S.	
1902-RCMD-35		09:30 - 10:00	Seismic Attributes Mapping and 3D Static Modeling of Reservoirs within OYA Field, Offshore, Niger Delta.	Olugbenga A. Ehinola and Olayinka Y. Ayodeji	EHINOLA, O. A.	
1904-NTAP-03		10:00 - 10:30	An Integrated Approach to Managing Narrow Drilling Margins of High-Pressure (HP) Prospects, Central Swamp Depobelt, Niger Delta	¹ Ovwigbo Irifeta, ¹ Bart Tichelaar, ² Pratap Nair, ¹ David Obiga, ¹ Sunday Awe, ¹ Kunle Bakare, ¹ Magnus Kanu and ¹ Celestine Ugwu	IRIFETA, O.	
TEA/COFFEE BREAK						
1902-RCMD-14		10:40 - 11:10	In Search of Deepwater Stratigraphic Traps Formed by Sand Rich Distributary Channels and Lobe Complexes in Miocene Sequences Offshore Niger Delta	Ezeh F.P.*, Hussenoeder S. A., Plitzuweit S. J., Conlon E.H., McManus K.M., Wenger R.J., Wellner R., Hagan J.C.	EZEH, F. P.	
1902-RCMD-02		11:10 - 11:40	An Integrated Approach to Dealing with Fluid Type and Contact Uncertainty – A Case Study for Egu Field Offshore Niger Delta.	Obinna Chudi, Chukwunweike Awa, Olalekan Balogun, Tamunotonye Biambo, Milan Stevanovic, Kakayor Omagbemi, Magnus Kanu; Chima Emelle, Mora Glukstad Miguel, Ejiuwa Nworie, Jake Emakpor	OBINNA, C.	
1902-RCMD-46		11:40 - 12:10	The Shelfal Collapse Play – A Case Study from a producing field in the Niger Delta, offshore Nigeria	Ndianefo U.K.*, Basse N.E., Onyido I.M.	NDIANEFO, U. K.	
1902-RCMD-39		12:10 - 12:40	Stratigraphic Analysis and Reservoir Quality Assessment of an Onshore Field, Niger Delta Basin.	Anyiam, O.A., Eradiri, J.N.*, Mode, A.W. and Okeugo, C.G	ANYIAM, O. A.	
12:40 - 13:30 LUNCH						

Chair/Co-Chair: Prof. W. A. Mode, Victoria Okorie, Joe Ejedawe, Prof. U. Lar, A. Bomai

1902-SEST-02	THURSDAY, 21/11/2019	13:30 - 14:00	Integrated sedimentology and Ichnology of the Messinian Shallow Water Offshore, Niger Delta: Implication for Paleoenvironmental and Paleogeographic Reconstruction	Ekwenye, O.C.* ¹ , Adesida, A.A. ² and Obilaja O. ²	EKWENYE, O. C.
1902-FMIB-07		14:00 - 14:30	Depositional Facies and Reservoir Potential of the Eocene Nanka Formation of the Ameke Group in Agu-Awka and Umunya, southeast Nigeria	Ovie B. Ogbe*, Jerry Osokpor, Azuka Ocheli and Brume Overare	OGBE, O. B.
1902-FMIB-16		14:30 - 15:00	Hydrocarbon prospectivity of the Nigeria Chad Basin - A source rock perspective	Babatunde Alalade	ALALADE, B.
1902-FMIB-08		15:00 - 15:30	Exploration Reservoir Facies of Bida Basin: Field Outcrop Examples and Analog Seismic Expressions	Olumuyiwa A. Olawoki,	OLAWOKI, O. A.
15:30 - 15:40 TEA/COFFEE BREAK					

Chair/Co-Chair: Prof. Olalekan Olafuyi, Lanre Olanrewaju, Nonny Nwogbo, Prof. A. Dosumu

1902-RCMD-28	THURSDAY, 21/11/2019	15:40 - 16:10	Managing Wellbore Stability Uncertainties While Drilling Through Depleted Reservoirs, Case study-Onshore, Niger Delta.	Onyeji, J. A, Mboto, J. S, Ekun, O. A, Adamo, G, and Owoyemi, A.O,	ONYEJI, J. A.
19004-NTAP-02		16:10 - 16:40	An Assessment of the Causes of Wellbore Instability and Stuck Pipe Occurrences in an Offshore Field, Niger Delta Nigeria	Mode, A.W., Onuigbo, C.C., Anyiam, O.A., Eradiri, *J.N. and Okeugo, C.G.	ERADIRI, J. N.
1902-RCMD-11		16:40 - 17:10	Formation Related Drilling Difficulty And Possible Ways to Improve Drilling Performance-Case Study of Deep water-02 Well	Abdullahi, N. U, Owoyemi, B, Faparusi, D. A, Ayinde K, A, Nwachukwu, A	ABDULLAHI, N, U

CLOSING

THURSDAY, NOVEMBER 21, 2019 - TECHNICAL PRESENTATIONS 3

LEAD TECHNICAL PAPER: TALENT MANAGEMENT, CAPACITY BUILDING AND THE NEXT GENERATION OF THE E&P MANAGERS

SPEAKER: IHUAKU CHIOMA UGWU, HR ENABLER, SUB SAHARA AFRICA, SCHLUMBERGER

TIME: 8:00 - 8:45 AM

CHAIRMAN/CO-CHAIR/MODERATOR: DR. WASIU ODUFISAN, PROF. M. OLOWOKERE, PROF. S. AKANDE

TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE - SESSION 3- AMERICA MEETING ROOM

SUBTHEMES 4: NEW TECHNOLOGY APPLICATION IN EXPLORATION AND PRODUCTION: BIG DATA, DIGITALIZATION, DATA ANALYTICS AND ARTIFICIAL INTELLIGENCE OPPORTUNITIES AND CHALLENGES FOR THE OIL AND GAS INDUSTRY

SUBDISCIPLINE: BIG DATA ANALYTICS, MACHINE LEARNING/ARTIFICIAL INTELLIGENCE AND NEW METHODS IN GEOSCIENCES

Chair/Co-Chair: Johnbosco Onyeji, Oluseye Ekun, Udeme Udofia, Dele Falebita

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER	
1904-NTAP-13		09:00 - 09:30	Exploration for Deeper Sources in Gas Window Regimes Using Diamondoid; An Advanced Geochemical Tool	Golda Onyinye Nwaobi	NWAObI, G. O.	
1904-NTAP-11	THURSDAY, 21/11/2019	09:30 - 10:00	Digital Fault Framework Mapping and Stochastic Trap Analysis in Multiple Prospects - A Novel Approach: Case Study of Shallow Offshore, Nigeria.	¹ Afolabi Fatunmbi, ¹ Babawale Scott, ¹ Tanmay Mallick, ¹ Obobi Onwuka, ¹ Segun Obilaja, ² Rafael Navarro Luna, ² Jurriaan Reijs, ³ Kachi Onyeagoro, ³ John Solum, ³ Vial Aussavy Antoine.	FATUNMBI, A.	
1904-NTAP-28		10:00 - 10:30	Stochastic Simulation: Algorithm Comparison using Two Point Geostatistics and Multiple Point Geostatistics Offshore Niger, Delta	Jika Hilary, Onuoha Mosto, Anyiam Okwudiri, Okeugo Chidi, Oha Ifeanyi	HILARY, J.	
TEA/COFFEE BREAK						
1904-NTAP-16		10:40 - 11:10	Limits of Logging-While-Drilling Magnetic Resonance Fluid Typing Technique	Stanley Oifoghe, Rosemary Okafor, Victor Okowi	OIFOGHE, S.	
1904-NTAP-07		11:10 - 11:40	Challenges Faced with Processing Petrophysical Big Data for Assessing Viable Opportunities	Chijioke Ejimuda and Emenike Ejimuda	EJIMUDA, C.	
1904-NTAP-14		11:40 - 12:10	Extra-Deep Reading Azimuthal Resistivity Service: The Way Forward In the Niger Delta and Deepwater Drilling	Victor Imomoh, Richard Tilsley-Baker, Victor Okowi	IMOMOH, V.	
1904-NTAP-21		12:10 - 12:40	New Design for PDC Drill Bits through a Modification in the Nozzle Angle using Computational Dynamic Fluids	Kelly Jhoanna Jiménez De la Ossa *, Germán González Silva, Natalia Prieto Jiménez	OSSA, K. J. J.	
12:40 - 13:30 LUNCH						

Chair/Co-Chair: Prof. O. A. Ehinola, Dan Agbaire, Prof. T Adedosu, Ekere Akpan

1907-AERT-01	THURSDAY, 21/11/2019	13:30 - 14:00	Alternative Energy Resources – Increasing Relevance of Renewable Energy, Complementary Unconventional Energy Resources	Aderinola O. Lufadeju and Chiamaka M. Olisah	LUFADeJU, A. O.
1907-AERT-02		14:00 - 14:30	An Evaluation of Existing Alternative Fuel Sources and their Relevance in the World Energy Transition	Omo-Irabor, I.E. and Omo-Irabor, O.O	OMO-IRABOR, I. E.
1907-AERT-03		14:30 - 15:00	Evaluation of Geothermal Energy Potentials in Some Parts of Chad Basin, Nigeria Using Spectral Analysis of Aeromagnetic Data	¹ Chinwuko, Augustine Ifeanyi, ¹ Anakwuba, Emmanuel Kenechukwu, ¹ Okeke, Harold Chinedu, ² Usman, Ayatu Ojonugwa, and ³ Udoh, Abraham Christopher	CHINWUKO, A. I
1903-GPHY-24		15:00 - 15:30	Qualitative Interpretation of Seismic Attributes for Reservoir Characterization in A-Field, Niger Delta	Alexander Nwakanma* and Adekunle O. Sofolabo	NWAKANMA, A.

15:30 - 15:40 TEA/COFFEE BREAK

Chair/Co-Chair: James Edet, Prof. Ayolabi, Prof. Olusola Ojo, Prof. C. S. Nwajide

1902-SEST-01	THURSDAY, 21/11/2019	15:40 - 16:10	Application of Sequence Stratigraphic and Reservoir Evaluation Tools in Hydrocarbon Exploration of the Upper Cretaceous Anambra Basin, Nigeria	Chidozie Izuchukwu Princeton DIM, Ikenna Christopher OKWARA and Okwudiri Aloysius ANYIAM	DIM, C. I. P.
1903-GPHY-41		16:10 - 16:40	Application of Non-Seismic Methods for Hydrocarbon Exploration in the Nigerian Cretaceous Basins: Sokoto and Bida Basins Examples	Abba, A.S., Bormai, A.D., Umoetok, D.B., Moses, S.D., Umaru, A.F.M., Ali, M.S., Ezera, C.O., Alkali, B.I., Balarabe, H.J., Kaumi, M., Ogamba, U.M., Dongo, M.E,	ABBA, A. S.
1902-FMIB-31		16:40 - 17:10	Tidal Influence Indicators within the Gombe Formation Gongola Basin Evidence from Sedimentary Structures	¹ Mohammed Mohammed, ² Kehinde Ladipo, ¹ Abubakar Sadiq Maigari, ¹ Nuhu Samaila Kadai ³ Isah Aliyu Goro,	MOHAMMED, M.

CLOSING

THURSDAY, NOVEMBER 21, 2019 - TECHNICAL PRESENTATIONS 4

LEAD TECHNICAL PAPER: TALENT MANAGEMENT, CAPACITY BUILDING AND THE NEXT GENERATION OF THE E&P

SPEAKER: IHUAKU CHIOMA UGWU, HR ENABLER, SUB SAHARA AFRICA, SCHLUMBERGER

TIME: 8:00 - 8:45 AM

CHAIRMAN/CO-CHAIR/MODERATOR: DR. WASIU ODUFISAN, PROF. M. OLOWOKERE, PROF. S. AKANDE

TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE SESSION 4 - ASIA MEETING ROOM

SUBTHEMES 2: BASIN ANALYSIS, PETROLEUM SYSTEM CHARACTERIZATION AND MODELLING: NEW PLAYS AND NEW APPROACHES FOR EXPLORATION AND PRODUCTION IN THE CRETACEOUS AND CENOZOIC BASINS

SUBDISCIPLINE: BIOSTRATIGRAPHY, GEOCHEMISTRY, SEQUENCE STRATIGRAPHY, BASIN ANALYSIS

Chair/Co-Chair: Lawrence Fadiya, Prof. M. Nton, S. Obilaja, Thomas Harry, G. Unomah

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER	
1902-BIST-02	THURSDAY, 21/11/2019	09:00 - 9:30	Biostratigraphy and Paleoenvironmental Study of Oligocene to Early Miocene Sediments of #4 Well, Greater Ughelli Depobelt, Niger Delta Basin, Nigeria.	¹ A.O.J. Adebowale, ² Raji, J.K., ¹ Adigwu, R.O., ¹ Amoyedo, A.A. and ¹ Ibitoye, A.	ADEBOWALE, A. O. J.	
1902-BIST-06		09:30 - 10:00	Foraminifera Biostratigraphy of "Malu-26 well" Offshore Western Niger Delta Basin: Age and Paleoenvironmental Implication	L.G. Kasa, H. Hamza, E.O. Obiosio and E.C. Nwaejije	KASA, L. G.	
1902-BIST-09		10:00 - 10:30	Palynostratigraphy Age Determination, Kerogen Assessment and Depositional Environments of Four Borehole Samples from Lagos Area, Dahomey Basin Nigeria.	¹ Durugbo Ernest Uzodimma, ^{2,4} Olayiwola Moshood Adegboyega, ³ Fajemila Olugbenga Temitope, ⁴ Sanni Awawu Akanke, ⁴ Ogungbe Rufus Olusola, ⁴ Onabanjo Abimbola Owolabi, and ⁴ Akinloye Zacchaeus Akinwale	UZODIMMA, D. E.	
TEA/COFFEE BREAK						
1902-BIST-12		10:40 - 11:10	Foraminiferal Analysis and Palaeoenvironmental Reconstruction of Sediments in Amofu, Southern Benue Trough, Nigeria	Courage Ewezugachi Ugwuanyi ¹ , Ikenna Chris Okwara ¹ , Charles Chibueze Ugbor ¹	UGWUANYI, C. E.	
1902-FMIB-04		11:10 - 11:40	Biomarker Distributions of the Campano-Maastrichtian Nkporo Group of Anambra Basin, Southeastern Nigeria	K.C. Chiadikobi and O.I. Chiaghanam	CHIADIKOBI, K. C.	
1902-FMIB-15		11:40 - 12:10	Hydrocarbon Potential, Palynofacies and Paleoclimatic Studies of Source Rocks from Gombe Formation	JIMOH, Y.A ¹ , OJO, O.J. ² , AKANDE, S.O. ³	JIMOH, Y. A.	
1902-RCMD-05		12:10 - 12:40	Biomarker Fingerprinting of Crude Oils from the Niger Delta Depobelts, Nigeria	Egbo ¹ , O.K., Adeigbe ¹ , O.C. and Esegbue ² , O.	Egbo, O. K.	
12:40 - 13:30 LUNCH						

Chair/Co-Chair: Prof. Akande, J. Amobi, Prof. C. M. Ekweozor, Femi Ojo

1902-FMIB-12	THURSDAY, 21/11/2019	13:30 - 14:00	Geochemistry and Organic Matter Characterization of Ekenkpon Shale, Calabar Flank: Implications for depositional Environment and Hydrocarbon Potentials	Okon, Emmanuel Etim, Oruene, Ogboin-Olem Cletus; Essien, Nse Udo; ³ Otele, Ama; Asi, May Okah, Ogidi, Anthony Odama and Nyong, Eyo Etim	OKON, E. E
1902-FMIB-21		14:00 - 14:30	Organic Geochemical Studies on the Late Cretaceous Fika and Gongila Shales of the Wadi-1 Well, Chad Basin, Northeastern Nigeria; Implication on Petroleum Generating Potential	¹ Gbenga O. Ogungbesan* and ² Taofik A. Adedosu	OGUNGBESAN, G. O.
1902-FMIB-27		14:30 - 15:00	The Geochemistry and Mineralogy of Clastic Sediments of Selected Cores in Abeokuta Group, Eastern Dahomey Basin Southwestern Nigeria	Adeigbe, O.C. ¹ , Unomah, G.I., ² Olugbeje O.T., ² and Okunola O.W. ³	ADEIGBE, O. C.
1902-FMIB-11		15:00 - 15:30	Geochemical Proxies and Hydrocarbon Potential of Ogbunike Shale (Nanka Formation) Niger Delta, Nigeria	Adedosu, T.A. ^{1,*} , Ogungbesan, G.O. ² and Amos, D.D	ADEDOSU, T. A
15:30 - 15:40 TEA/COFFEE BREAK					

Chair/Co-Chair: S. A. Adekola, N. Nnakenyi, A. Durogbitan, T. Najime

1902-FMIB-17	THURSDAY, 21/11/2019	15:40 - 16:10	Hydrocarbon Source Rock Evaluation and Petroleum Geochemistry of the Cretaceous Mamfe Formation, Mamfe basin, Southwest Cameroon	Edwin Ayuk Ndip ^{1,2*} , Mathew E. Nton ¹ , Michael A. Oladunjoye ¹ Christopher M. Agyingi ²	NDIP, E. N
1902-FMIB-23		16:10 - 16:40	Provenance of the Campanian-Maastrichtian Sandstone, Northern Bida Basin: Evidence from Facies Analysis, Detrital Zircon Morphology and whole-rock Geochemistry	Adepoju, S.A. ^{1,3*} , Ojo, O.J. ² , Akande, S.O. ³ and Sreenivas, B. ⁴ .	ADEPOJU, S. A.
1902-FMIB-28		16:40 - 17:10	The structure and Hydrocarbon Prospectivity of the Lower Cretaceous offshore Dahomey Basin, West Africa: A new Syn-rift half-graben Frontier Exploration Play in Nigeria	B. Jibrin ¹ , S. Olotu ¹ , K. Ladipo ¹ , M. Ogunleye ² , C.F. George ¹ , A.E. Jonathan ¹ , A. Okuboyejo ¹ , O. Oladipo ¹	JIBRIN, B.

CLOSING

POSTER SESSION

WEDNESDAY, NOVEMBER 20 - THURSDAY, NOVEMBER 21, 2019

WEDNESDAY, NOVEMBER 20, 2019 - POSTER PRESENTATION SCHEDULE (MORNING SESSION)

LOCATION: EXHIBITION FLOOR							NOTES	
JUDGES: Ekere Akpan, R. O. Oyanyan, Ogagarue Difference, N. Kawekwune, Prof. M. Onuoha, Prof. I. Akpabio						NOTES		
ABSTRACT NO	DAY/DATE	TIME	TITLE	AUTHOR	PRESENTER	POSTAL PRESENTATION		
1902_FMIB_24	WEDNESDAY, 20/11/2019	09:30 - 11:00	Sedimentology and Petroleum Source Rock Potential of Bende-Ameki Formation, Anambra Basin, South Eastern Nigeria	¹ A.O.J. Adebowale, ² Raji, J.K., ¹ Adigwu, R.O., ¹ Amoyedo, A.A. and ¹ Ibitoye, A.	Adebowale, A.O.J.	FIELD MAPPING / GEOCHEMISTRY		
1902_FMIB_25			Source Rock Evaluation and Depositional Environment of Middle Eocene–Early Miocene–Early Miocene Lignites and Shales in Umuhia Area, Niger Delta Basin, Southeastern Nigeria	Mode, A.W., Ofuebe, N. C., Umeadi, M.I., Ekwenye, C.O., Okeke, K.K.	UMEADI, M. I			
1902_FMIB_26			Stratigraphy and Depositional Environments of the Nsukka Formation in the Anambra Basin, South-Eastern Nigeria	Onyemesili, Caroline Ogechukwu, Obi, Gordian Chuku	Onyemesili, O. C			
1903_GPHY_21			Advances in Geophysics	09:30 - 11:00	Overpressure and fracture pressure prediction from seismic and well data within the deep hydrocarbon bearing reservoir sands of the "Sango North" field, Niger Delta, Nigeria	¹ Ugbor, Charles Chibueze, and ² Udo Namsu Blaise	Ugbor, C.C	
1903_GPHY_23					Qualitative Approach to Hydrocarbon Prospect Analysis within Amplitude Constrained Window: A Case Study of the Ava Field, Onshore Niger Delta	¹ Oladunjoye, M.A., ² Odumade, O.O and ¹ Adeniyi, A.V.	Adeniyi, A.V	
1903_GPHY_26					Quality Geophysical Data Acquisition and Interpretation Techniques	A. A Yusuf, A. S Bello	Yusuf, A.A	
1903_GPHY_28					Reserves Estimation Using Seismic Derived Reservoir Properties	Ekone Nicholas ¹ , C. N. Ehirim ² T. Dagogo ² .	Ekone Nicholas	
1903_GPHY_31					Seismic Stratigraphic Analysis for Hydrocarbon Exploration, Beta Field, Coastal Swamp Depobelt, Niger Delta	ADELEYE, M. A ¹ , YEKEEN, K. O ¹ and AMIDU, S. A ² .	YEKEEN, K. O	
1903_GPHY_37					Use of seismic variance attribute in resolving structural complexity: Case studies offshore Dahomey Basin, Nigeria	I.F AKINLADENU ¹ , A.E. JONATHAN ¹ , AND B. JIBRIN ¹	AKINLADENU, I.F	
1903_GPHY_42					Assessment of Reservoir Fluid Fill in a Patchy Amplitude Region Using Robust QI Subsurface Study	Best Akpotive, Umahi Otuka, Ugwu Celestine, Bart Tichelaar & Obilaja Olusegun	Akpotive, B	
JUDGES: Prof. N. Obaje, Prof. Olushola Ojo, Prof. B. Ekpo, Niyi Adebisi, Chris Iwobi, P. Dim						NOTES		
ABSTRACT NO			DAY/DATE	TIME	TITLE	AUTHOR	PRESENTER	POSTAL PRESENTATION
1902_FMIB_01	WEDNESDAY, 20/11/2019	11:00 - 12:30	A step in the assessment of the petroleum play of sediments in Ngodo, Abia state	Enete, Jude Jideofor; Ugwuada, Thankgod Kelechi; Ezepue, Nkechi Martha	Enete, J.J	FIELD MAPPING / GEOCHEMISTRY		
1902_FMIB_02			An integrated geological evaluation of the relinquished OPL 911(Afikpo Area, Southern Benue Trough)	Aleksander Oshodi, Abiola Ajayi Adeyemi Adeogun , Olushola Ariyo , Celestine Nwojiji, Lukman.M Johnson,	Aleksander, A.O			
1902_FMIB_03			Basement Structure and Architecture of the Dahomey Basin Deduced from Geophysical Data	Okoro, E.M. and Onuoha, K.M.	Okoro, E.M			
1902_FMIB_22			Paleobiology, Paleoenvironment and Petroleum Geochemistry of the Taloka and Dukamaje Formations of the Sokoto Basin, Northwestern Nigeria	Ozoi T. M. and Obaje N. G.	Ozoi T. M			
1902_FMIB_06			Depositional environment and diagenetic fabric of carbonates (Late Cretaceous-Early Paleogene) along the Benin Flank, southwestern Nigeria	¹ O. A. Oluwajana, ² O. A. Ehinola, ³ C. U. Ofiwe, ⁴ E. Akhayere, ¹ K. Egunjobi	Oluwajana, O. A.			
1902_FMIB_09			Facies Analysis and Paleoenvironmental Reconstruction of some parts of Itigidi, Cross River State, Southeastern Nigeria.	Ozioko, D.C. ² , Okolo, C.G. ¹ , Dim, C.I.P. ¹ , and Emedo, C.O ¹	Okolo, C.G			
1902_FMIB_13			Geophysical Logging of Nsukka and Ajali Lithostratigraphic Units at Type Sections in the Upper Cretaceous Anambra Basin	Chioma Oluchukwu MADUEWESI, Luke Ikechukwu Mamah, Chidozie Izuchukwu Princeton DIM and Chukwudike Gabriel OKEUGO	MADUEWESI, C.O			
1902_FMIB_14			Hydrocarbon Potential of Anambra Basin, Southeastern Nigeria: A Review	Obah Victor Samuel	Obah, V. S			
1902_FMIB_18			New Opportunities in Old Fields: A case study from Dahomey Basin, Offshore West Africa	Irewole Ayodele ¹ , Chiara Cavalleri ² , Ebere Benard ³ , Adeleke Orimolade ¹	Irewole Ayodele			
1902_FMIB_20			Organic facies characterization and paleoredox conditions of the Campano-Maastrichtian dark mudstone unit, Benin flank, western Anambra Basin: implications for Maastrichtian Trans-Saharan seaway paleoceanographic conditions	Edegbai, A.J. ^{1,2} , Schwark, L ¹ and Oboh-Ikuenobe, F.E ³	Edegbai, A.J			

LUNCH 12:40 - 13:30

WEDNESDAY, NOVEMBER 20, 2019 POSTER PRESENTATION SCHEDULE (AFTERNOON SESSION)

LOCATION: EXHIBITION FLOOR

LUNCH 12:40 - 13:30

JUDGES: Fidel Onichabor, Collis Ibekwe, Raphael Afolabi, Olatude Akintola, A. A. Oshinubi

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ABSTRACT NO	DAY/DATE	TIME	TITLE	AUTHOR	PRESENTER	POSTAL PRESENTATION
1902_RCMD_03	WEDNESDAY, 20/11/2019	14:00 - 15:30	Application of Seismic Attributes in Reservoir Studies of "Meck" Field, Niger Delta, Nigeria	Chizelum F. Madukwe*, Okwudiri A. Anyiam and Chidi G. Okeugo	Madukwe, C, F	RESERVOIR CHARACTERISTIZATION / MODELLING
1902_RCMD_07			Estimation of Permeability from Laser Particle Size Analysis: A Case Study of Offshore Niger Delta	Mbonu Chinenye Obiageli	Mbonu, C.O	
1902_RCMD_08			Evaluation of Hydrocarbon Potential in ORSE Field, Niger Delta	Ogbodu, S.O., Balogun, A.O and Dagogo, T.	Ogbodu, S.O	
1902_RCMD_09			Evaluations of Recovery Efficiency with Simulation of Gas flooding through a Vertical Well	Adeniyi, A.T. and Nzelu, A.J.	Adeniyi, A.T	
1902_RCMD_10			Fault Seal Analysis of Niger Delta Reservoir Rocks: A Case Study of "Ab" Field	Ukwu Chukwuebuka Kingsley ¹ and Kaine Bobmanuel Scent ¹	Ukwu, C.K	
1902_RCMD_13			Identifying Hidden Hydrocarbons via Reservoir Characterization: A Niger Delta Brown Field Case Study	Nnamdi Okani	Nnamdi Okani	
1902_RCMD_47			Total Volume Interpretation and Seismic Attributes Analysis for Reservoir Characterization of "Gazzer" Field, Onshore Niger Delta	Emmanuel Emeka Ekechukwu*, Adeniyi John ¹	Ekechukwu, E.E	
1902_RCMD_17			Integrated Reservoir Modeling of "Zanclean" Reservoir, Offshore Sao Tome and Principe, Gulf of Guinea	Courage Ewezugachi Ugwuanyi ¹ , Charles Chibueze Ugbor ¹ , Ikenna Chris Okwara ¹	Ugwuanyi, C, E	

JUDGES: Mike Ogunleye, Prof. M. T. Olowookere, Wilson Osung, C. Ezeagwuna, Bala Wadiri, A. Oresanya

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ABSTRACT NO	DAY/DATE	TIME	TITLE	AUTHOR	PRESENTER	POSTAL PRESENTATION
1902_RCMD_45	WEDNESDAY, 20/11/2019	15:30 - 17:00	The Applications of Seismic Attributes in Enhancing Inter-well Porosity Prediction: Insights from the F1 Reservoir in 'K' Field, Onshore Niger Delta	* ¹ Obafemi, S., ¹ Omeru, T., ¹ Bankole, S.I., ² Ogbe O. B. ¹ Ifarajimi, W. ¹ Oyedele., K.F.,	Obafemi, S	RESERVOIR CHARACTERISTIZATION / MODELLING
1902_RCMD_40			Structural and Reservoir Properties Modeling Of "Solfol Field" Offshore, Niger Delta	O.E Akinmoye, M.A Ayuk	Akinmoye, O.E	
1902_RCMD_43			Subsurface Evaluation via Well log and Seismic data Integrated Approach: A case study of " J" Marginal field Niger Delta basin	Onwuka, O.Julius ¹ , Onwuka, O. Solomon ² , Okeugo, C.G ² , Dim, C.I.P. ² Onwuka, Obibo ³ , Obilaja, Segun	Onwuka, O.J	
1902_RCMD_18			Integration of 3D-Seismic Attributes and Well Logs for Hydrocarbon Reservoir Evaluation	OMOFUMA I.A and OJO B.T	OMOFUMA I.A	
1902_RCMD_20			Managing Subsurface Uncertainties During Horizontal Drilling In A Matured Field: DEF_45H Well Case Study	Kunle Ajao, Gene Okeke, Soji Aina, Justin Okpala, Sandison Jumbo and Yemi Dada	Ajao Kunle	
1902_RCMD_25			Petrophysical Evaluation and Spectral Decomposition of "XY" Field, Niger Delta	Ayuk, M. A. ¹ , Akinmuda, O ¹ ., Adeoti, L ² .	Akinmuda, O	
1902_RCMD_26			Petrophysical Evaluation and Volumetric Estimation In "It" Field, Niger Delta Using Well Logs and Seismic Data	Olowoye, I. A. and Alao, O. A.	Olowoye, I. A	

THURSDAY, NOVEMBER 21, 2019 - POSTER PRESENTATION SCHEDULE (MORNING SESSION)

LOCATION: EXHIBITION FLOOR						
JUDGES: Femi Adepaju, Prof. M. B. Abubakar, N. Egesi, Femi Lasisi, Prof. S. O. Onyekuru, C. O. Adeigbe					NOTES	
ABSTRACT NO	DAY/DATE	TIME	TITLE	AUTHOR	PRESENTER	POSTAL PRESENTATION
1902_BIST_01	THURSSDAY, 21/11/2019	09:00 - 10:30	An Upper Cretaceous/Tertiary Fluctuations in Sea Level - A Palynological View Point	¹ SORONNADI-ONONIWU,G.C AND ² DIDEI,I.S	Soronnadi-Ononiwu,G.C	BIOSTRATIGRAPHY
1902_BIST_03			Biostratigraphic and Paleoenvironmental Evaluations of Two Wells from the Anambra Basin	¹ HARUNA, KA; ² OJO, O J	HARUNA, KA	
1902_BIST_10			Palynostratigraphy, kerogen evaluation of the Campanian Enugu Shale (Anambra Basin) from the Trans- Ekulu Exposures Along Enugu Onitsha Expressway South Eastern Nigeria.	¹ Durugbo Ernest Uzodimma, ² Bankole Samson Ige, ³ Oyelami Ayobami Babalola, ⁴ Olayiwola Moshood Adegboyega, ⁵ Yussuph Wale, ⁶ Ogbaa Nnukwu Kalu and ⁵ Cole, Janet Aderonke.	Durugbo, E.U	
1902_BIST_11			Record(s) of Paleocene-Eocene Thermal Maximum (PETM) on Early Eocene Benthic Foraminifera in the Eastern Dahomey Basin, Southwestern Nigeria	¹ Adeleye M.A and ¹ Lawal O.Y	Adeleye M.A	
1902_SEST_03			Sedimentological and Stratigraphic Analysis as a Guide for Reservoir Quality Prediction and Distribution in "Koca" Field Niger Delta and Stratigraphic Analysis as a Guide for Reservoir Quality Prediction	Kelechi Victoria Njoku	Njoku, K.V	
1902_SEST_04			Sedimentology, Lithofacies, Palynofacies and Sequence Stratigraphy of the Campano-Maastrichtian Successions within the Southern Bida Basin, Nigeria	*Tope S. Alege, *Lukman M. Adamu, *Atabo N. Odoma & *Yomi B. Gideon	Alege, T.S	
1904_NTAP_01			Advantages of Machine Learning & Data Science in the Exploration & Production of Oil and Gas	EMMANUEL OLU SOLA OYEWOLE	OYEWOLE, E.O	New Technology Application in E&P
1904_NTAP_17			Lithofacies Classification from Well Logs Using Artificial Intelligence	Adeoti, L*, Okwudili C.P., Ademilola, J. A., Allo, O.J., Adeogun, O.Y. and Oyeniran, T.A	Adeoti, L	
1904_NTAP_22			Reservoir Quality Assessment using Neural Network Techniques over "X" Field, Onshore Niger Delta	Balogun O. S., Abiola O., Olowokere M.T. and Ojo J.S	Balogun O.S	
JUDGES: B. Alalade, Kareem Folorunso, Wilson Osung, Godwin Ochogbu, Ibrahim Dung					NOTES	
ABSTRACT NO		TIME	TITLE	AUTHOR	PRESENTER	POSTAL PRESENTATION
1908_EPAE_12	THURSDAY, 21/11/2019	10:30 - 12:00	Risk Based Corrective Action - Application and Challenges in Oil Impacted Site Management in Nigeria	Igwe C.O ^a , Ukeje Z. ^b , Yahaya-Shiru. M ^c	Ukeje Z	E&P Activities and the Environment
1908_EPAE_15			Economic Considerations towards the Implementation of a Successful CO ₂ Enhanced Oil Recovery (EOR): A Perspective for Nigeria II	Mohammed Mohammed	Mohammed, M	
1902_RCMD_29			Reservoir Characterization and 3D Modelling of 'AFE' Field, Offshore, Niger Delta	Ehinola, O. A. *, Emmanuel, A. M. * and Magbagbeola, O.A.	Ehinola, O. A	RESERVOIR CHARACTERIZATION / MODELLING
1902_RCMD_30			Reservoir Characterization and Seismic Attribute Analyses of Abom field, Onshore Niger Delta	Odobo Victory Omono, Igele Abel	Odobo, V.O	
1902_RCMD_31			Reservoir Characterization Studies within a Producing Field in the Coastal Swamp Depobelt, Niger Delta Basin, Nigeria	Chioma Oluchukwu MADUEWESI, Okwudiri Aloysius ANYIAM and Chidozie Izuchukwu Princeton DIM	MADUEWESI, C.O	
1902_RCMD_34			Reservoir Quality Assessment and Depositional Environment Interpretation of "VIKI" Field Onshore Niger Delta, Nigeria	Victor Nnamdi Chiokwe, Ikechukwu Onyema Njoku and Martins Okoro Eze	Chiokwe, V.N	
1902_RCMD_36			Sequence Stratigraphic Evaluation of Day Field, Onshore Niger Delta: An Integration of Well Logs and Biostratigraphic Data	¹ Alege S. Tope, ² Ubuara O. David, ³ Olayinka Y. Ayodeji	Alege, S. T	
1902_RCMD_37			Simulations of Ultimate Oil Recovery with Gas Injection and Production Differential	Adeniyi, A.T. and Nzelu, A.J	Adeniyi, A.T	

LUNCH 12:40 - 13:30

