

NAPE 2020



38th NAPE

ANNUAL *Virtual* INTERNATIONAL CONFERENCE & EXHIBITION

THEME:

**Accelerating Growth in Nigeria's Hydrocarbon Reserves:
Emerging Concepts, Challenges and Opportunities**



ONLINE, FROM LAGOS NIGERIA



15-19 NOVEMBER 2020



NAPE

38th ANNUAL INTERNATIONAL CONFERENCE & EXHIBITION, 2020 (VIRTUAL)

TECHNICAL PAPER PRESENTATION SCHEDULE

ORAL PRESENTATION SCHEDULE

WEDNESDAY, NOVEMBER 18 - THURSDAY, NOVEMBER 19, 2020



SCHEDULE OF PROGRAMMES

13 - 19 NOVEMBER 2020



DAYS/TIME	07:00	07:30	08:00	08:30	09:00	09:30	10:00	10:30	10:40	11:10	11:40	12:10	13:00	13:30	14:00	14:30	14:40	15:10	15:40	16:10	16:40	17:00	17:30	18:00	19:00
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MORNING		AFTERNOON										EVENING			
FRIDAY	13-11-2020	PRE-CONFERENCE FIELD TRIP													
SATURDAY	14-11-2020	PRE-CONFERENCE SHORT COURSES												PRESIDENT'S NIGHT	
SUNDAY	15-11-2020													YP MEET & GREET	

MONDAY 16-11-2020	UAP MEETING	PRE-CONFERENCE WORKSHOP										ANNUAL GENERAL MEETING					
		BASIN EVALUATION COMPETITION					BREAK TIME	YP LEADERSHIP FORUM									
TUESDAY 17-11-2020	EB-TP /JUDGES MEETING	OPENING CEREMONY						MANAGEMENT SESSION					BREAK TIME			AFRICAN NIGHT	
							YP CAREER SESSION /MOCK INTERVIEW										
												SPECIAL TRAINING SESSION					

TECHNICAL SESSIONS															WiGE			
ORAL SESSION 1	LEAD PAPER	GEOPHYSICS	TEA/COFFEE BREAK	SEISMIC PROCESSING	BREAK TIME	ROCK PHYSICS	TEA/COFFEE BREAK	SEISMIC ACQUISITION										
ORAL SESSION 2		INTEGRATED RESERVOIR MODELLING		RESERVOIR CHARACTERIZATION		FORMATION EVALUATION		BIOSTRATIGRAPHY										
ORAL SESSION 3		MACHINE LEARNING		DATA ANALYTICS		EMERGING TECHNOLOGY IN GEOSCIENCES		FIELD DEVELOPMENT										
POSTER SESSION 1		GEOPHYSICS				BASIN ANALYSIS												
POSTER SESSION 2		PETROLEUM SYSTEM STUDIES				EMERGING TECHNOLOGY IN GEOSCIENCES												
POSTER SESSION 3		ENERGY MIX & TRANSITION				HSSE & EIA												

THURSDAY 19-11-2020	SPECIAL PAPER	4D SEISMIC	TEA/COFFEE BREAK	FIELD DEVELOPMENT	BREAK TIME	SEQUENCE STRATIGRAPHY	TEA/COFFEE BREAK	GEOCHEMISTRY	AWARDS & RECOGNITION CEREMONY					
		NEW TECHNOLOGY IN GEOSCIENCES		ENERGY MIX & TRANSITION		SEDIMENTOLOGY/CHNOLOGY		HSSE & EIA						
		OPERATIONS GEOLOGY		INLAND BASIN PETROLEUM GEOLOGY		HSSE & EIA		HUMAN CAPACITY DEVELOPMENT/TALENT MANAGEMENT						
		POSTER SESSION 1	GEOPHYSICS				INLAND BASIN PETROLEUM GEOLOGY							
		POSTER SESSION 2	INTEGRATED RESERVOIR MODELLING				PETROLEUM SYSTEM STUDIES							
		POSTER SESSION 3	ENERGY MIX & TRANSITION				HSSE & EIA							

CONFERENCE EXHIBITION

WEDNESDAY, NOVEMBER 18, 2020 - TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE - SESSION 1

LEAD TECHNICAL PAPER : Talentism – A Significant Growth Accelerator in Nigeria’s Oil & Gas Industry

SPEAKER: AKINLOLU ONI

TIME: 8:00 - 9:00 AM

CHAIRMAN/MODERATOR: WASIU ODUFISAN, ADEDOJA OJELABI, THOMAS HARRY, EMMANUEL MADUAWIA, JULIET EMUDIANUGHE

WEDNESDAY, NOVEMBER 18, 2020 - TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE - SESSION 1

SUBTHEME 2: NOVEL CONCEPTS AND APPROACHES IN GEOPHYSICS

SUBDISCIPLINE: GEOPHYSICS: GEOPHYSICS, SEISMIC PROCESSING, ROCK PHYSICS AND SEISMIC ACQUISITION

Chair/Co-Chair: Jerome Tsakma/Abyomi Adejonwo, Mascot Ogunjemiyo, Kehinde Olafiranye

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER
2002-GPHY-08	WEDNESDAY, 18/11/2020	09:00 - 09:30	Identifying New Opportunities from Vintage Data through Integrated Approach	Chijioke Orji, Michael Chukwuma, Kenneth Anyanwu, Erinnyanga Udoinyang	K. ANYANWU
2002-GPHY-10		09:30 - 10:00	Integrated Petroacoustic and Reservoir Geomechanical Studies in Cube Field, Offshore Niger Delta	Jerome Asedegbega, Oladayo Ayinde, Percy Ojogbo, Alexander Nwakanma, Sophia Ogbodu, Olaniyi Obembe and Olawale Osinowo	J. ASEDEGBEGA
2002-GPHY-02		10:00 - 10:30	Aeromagnetic Basin Modelling and Structure of the Sub-Basins Within the Bornu-Chad Basin, NE Nigeria	Ogiji-Idaga Martins Achadu, Dominic Obi and Stephen Eguba Ekwok	O. M. ACHADU
		10:30 - 10:40	TEA/COFFEE BREAK		

Chair/Co-Chair: Kolawole Fabiyi/ Adekunle Sofolabo, Prof. Idara Akpabio, Temitope Olabiyi, Prof. Dominic Obi

2002-GPHY-05	WEDNESDAY, 18/11/2020	10:40 - 11:10	Case Study: 4D OBN processing and imaging of a deepwater field. Part I: 4D matched co-processing	Cesar Ricardez, Melanie Vu, Paula Ukerun, Sunkanmi Iyiola, Peter Nevill, Robert Eslick	C. RICARDEZ
2002-GPHY-04		11:10 - 11:40	Basement Structure Offshore Dahomey Basin, Nigeria: New Insights from Aeromagnetic and 3D Seismic Interpretation	Okoro, E.M., Onuoha, K.M., Babangida, J., Ogunleye, M. and Mba, I.	E. M. OKORO
2002-GPHY-11		11:40 - 12:10	4D OBN processing and imaging of a deepwater field. Part II: FWI high resolution TTI model building	Junyong Chang, Melanie Vu, Ivan Berranger, Christopher Osolo, Sunkanmi Iyiola Otiy, Nanqun He	M. Vu
		12:10 - 13:00	LUNCH		

Chair/Co-Chair: Nedo Osayande/Cletus Idiagbor, Jerome Asedegbega, Prof. Kingsley Nwzor

2004-ETCA-20	WEDNESDAY, 18/11/2020	13:00 - 13:30	Shale Pore Pressure Prediction and Overpressure Mechanisms in the Deeper Horizons Of Western Niger Delta	Olayinka, Yinka Ayodeji, Olugbenga Ehinola, John Mboto, and Gani Adamo	Y. A. OLAYINKA
2004-ETCA-08		13:30 - 14:00	Elastic Inversion of Deep-Water Field OBN Down-Going Wave Seismic Data	Sunday Amoyedo, Eric Tawile, Perez Kakaire, Olatunbosun Olagundoye, Ehsan Sadeghi, Salvador Pou Palome, Evans Owah and Maureen Esotu	S. AMOYEDO
2002-GPHY-12		14:00 - 14:30	Integration of Amplitude Variation with Offset and Rock Property Modeling for Predicting Litho-Fluid Types in “SYM” Field, Offshore Niger Delta, Nigeria	Olatokunbo Ojo, Mary Olowokere and Emmanuel Babafemi	O A. OJO
		14:30 - 14:40	TEA/COFFEE BREAK		

Chair/Co-Chair: Reginald Mbah/ Fidel Onichabor, Wilson Osung, Juliet Emudianughe

2002-GPHY-07	WEDNESDAY, 18/11/2020	14:40 - 15:10	Example of transverse collaboration during Ocean-bottom node high-resolution velocity model building, deep offshore Nigeria	Salvador Pou Palomé, Evans Owah, Olatunbosun Olagundoye, Tapesh Tyagi, Eric Tawile, Netifetu Usman-Lecky, Tamunoemi Okougbo, Henry Ebikefe, Oyebola Momodu-Oyewo, Auwal Ya’U	S. P. PALOME
2002-GPHY-18		15:10 - 15:40	Multiples Determination in Surface Seismic Data Using Zero Offset Vertical Seismic Profiling (ZVSP) Techniques	Sofolabo Oyemade Adekunle, Alexander Nwakanma and Uyo Blessed Friday	O. A. SOFOLABO
2002-GPHY-09		15:40 - 16:10	Impact of using Different Data Domains for Onshore Seismic Imaging: Common Offset Binning (COB) versus Offset Vector Tiles (OVTs) Domain	Addah, Ishmael Dickson, Horsfall, Opiriyabo Ibim and I, Tamunoberetonari, Iyeneomie	I. D. ADDAH
2002-GPHY-15		16:10 - 16:40	Laboratory study of the effect of grain size, mineralogy and fluid on Nuclear Magnetic Resonance T ₂ distribution	Ayorinde Janet Olaide, Livo Kurt, Prasad Manika, Ehinola Olugbenga, Durogbitan Abimbola	J. O. AYORINDE

CLOSING

WEDNESDAY, NOVEMBER 18, 2020 - TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE - SESSION 2

LEAD TECHNICAL PAPER : Talentism – A Significant Growth Accelerator in Nigeria’s Oil & Gas Industry

SPEAKER: AKINLOLU ONI

TIME: 8:00 - 9:00 AM

CHAIRMAN/MODERATOR: WASIU ODUFISAN, ADEDOJA OJELABI, THOMAS HARRY, EMMANUEL MADUAWIA, JULIET EMUDIANUGHE

WEDNESDAY, NOVEMBER 18, 2020 - TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE - SESSION 2

SUBTHEME 3: PETROLEUM SYSTEM STUDIES AND INTEGRATED RESERVOIR MODELLING

SUBDISCIPLINE: PETROLEUM SYSTEM STUDIES, INTEGRATED RESERVOIR MODELLING, FORMATION EVALUATION, BIOSTRATIGRAPHY

Chair/Co-Chair: Wole Sebioba/ Victoria Okorie, Cyril Nwonye, Ekere Akpan

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER
2003-PSRM-08	WEDNESDAY, 18/11/2020	09:00 - 09:30	Delineating Flow Units within Heterogenous Sandstone for Effective Reservoir Management and Optimal Yield, Mara Field (SPDC)	Egberibine, Manson; Esharegharan, Ovokerhoyi; Ayeni, Olumide; Arochukwu, Elias	M. EGBERIBINE
2003-PSRM-29		09:30 - 10:00	Reservoir Characterization and Volumetric Estimation of ‘Bong Field’, Coastal Swamp Depobelt, Niger Delta, Nigeria	Ibeneme S. I., rchibong G. A., Njoku I. O., Osung W. E., Onyekuru S. O., Akaolisa C.C.Z.	S.I. IBENEME
2003-PSRM-01		10:00 - 10:30	An Approach to Lithofacies Characterization for Uncored Deepwater Stratigraphic Reservoirs – Example from the Erha Field, Offshore Niger Delta	Dada R., Obi I.S., Zhou J., Adegoke J., Osivwi T. and Olopade O.	R. D. DADA
		10:30 - 10:40	TEA/COFFEE BREAK		

Chair/Co-Chair: Prof. M. N. Oti/ Abimbola Durogbitan, Thomas Harry, Prof. Bassey Ekpo,

2003-PSRM-19	WEDNESDAY, 18/11/2020	10:40 - 11:10	Impact of Diagenesis on Reservoir Quality of DC70X Reservoir in Mbakan Field, onshore Niger Delta Basin, Nigeria	Ayonma W. Mode, Jude O. Omuije, Okwudiri A. Anyiam, Ogechi C. Ekwenye, Ijeoma M. Umeadi, Joseph N. Eradiri	W. A. MODE
2003-PSRM-11		11:10 - 11:40	Effects of Sea Level Changes And Growth Fault Subsidence On Shallow Marine Sediment Deposition and Hydrocarbon Occurrences/Compartmentalization in an Offshore Oil Field, Niger Delta	Raphael Oaikhena Oyanyan and Olugbenga Oluseyi Oshinowo	R. O. OYANYAN
2003-PSRM-07		11:40 - 12:10	Cretaceous-Paleogene Transition and Associated Turbidite Play: Structural Influence on Biozones in the Northern Delta Depobelt, Niger Delta Basin	Chidozie Izuchukwu Princeton Dim and Bertram Maduka Ozumba	C. I. P. DIM
		12:10 - 13:00	LUNCH		

Chair/Co-Chair: JohnBosco Onyeji, Udeme Udofia, Felix Obere, Ekere Akpan

2003-PSRM-02	WEDNESDAY, 18/11/2020	13:00 - 13:30	An Integrated Approach at Drilling Optimization from Petrophysics and Machine Learning	Oladele Segun Olabanji	O. S. OLABANJI
2003-PSRM-22		13:30 - 14:00	Lithology Identification and Prediction from Well Log Data Using Clustering Algorithms	Amure Ridwan Adewale, Alao Olatunbosun Adedayo, Falebita Dele	R. A. AMURE
2003-PSRM-24		14:00 - 14:30	NFW Potential of the Early Accommodation Deepwater Sands (EADS) Reservoir in Etim Field, NNPC/MPN JV Acreage, Offshore Nigeria	Banye O. and Ezeh F.	N. TAMUNOBERETON-ARI
		14:30 - 14:40	TEA/COFFEE BREAK		

Chair/Co-Chair: Lawrence Fadiya/ Gbenga Olumurewa, Innocent Ofoma, Dan Agbaire, Abraham Udoh

2003-PSRM-26	WEDNESDAY, 18/11/2020	14:40 - 15:10	Paleoecology and Paleoceanography implication of Radially Elongated species of <i>Hedbergella</i> and <i>Heterohelix</i> assemblages in Cenomanian-Santonian strata, Southern Benue Trough	Ulasi, Ngozi. A, Okeke, K. K, Mode, A. W, Umeadi, Maryann Ijeoma	N. A. ULASI
2003-PSRM-42		15:10 - 15:40	Hydrocarbon Potential, Biomarker Evaluation and Palynological studies of EE-1 Well, Offshore Eastern Dahomy Basin, SouthWestern Nigeria	Matthew Nton, Emeka Emordi and Irewole Ayodele	M. E. NTON
2006-HSSE-10		15:40 - 16:10	Trouble in the Ocean - a PETM record captured by planktic foraminifera species	Monsuru Adebawale, Ruby Barrett, Heather Birch, Jamie D. Wilson, Daniela N. Schmidt	M. ADEBOWALE
2003-PSRM-43		16:10 - 16:40	Aspects of Diagenetic and Sequence Stratigraphic Framework on Reservoir Potential of Antalo Limestone, Mekelle Basin, Northern Ethiopia	Damenu Adefris, M. E. Nton, O. A. Boboye, Balemwal Atnafu	D. ADEFRIS

CLOSING

WEDNESDAY, NOVEMBER 18, 2020 - TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE - SESSION 3

LEAD TECHNICAL PAPER : Talentism – A Significant Growth Accelerator in Nigeria’s Oil & Gas Industry

SPEAKER: AKINLOLU ONI

TIME: 8:00 - 9:00 AM

CHAIRMAN/MODERATOR: WASIU ODUFISAN, ADEDOJA OJELABI, THOMAS HARRY, EMMANUEL MADUAWIA, JULIET EMUDIANUGHE

WEDNESDAY, NOVEMBER 18, 2020 - TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE - SESSION 3

SUBTHEME 4, 2: EMERGING TECHNOLOGIES AND CURRENT APPLICATIONS IN EXPLORATION AND PRODUCTION; PETROLEUM SYSTEM STUDIES AND INTEGRATED RESERVOIR MODELLING

SUBDISCIPLINE: MACHINE LEARNING, DATA ANALYTICS, EMERGING TECHNOLOGIES IN GEOSCIENCES, FIELD DEVELOPMENT

Chair/Co-Chair: Victor Ogujiolor/Gideon Ameachi, Nonny Nwogbo, Charles Ojo

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER
2004-ETCA-18	WEDNESDAY, 18/11/2020	09:00 - 09:30	RockCognizer: A Machine Learning Solution for Niger Delta Reservoir Facies Classification	Esharegharan, O., Przybysz-Jarnut, J., Link, E., Williams, H. & T. Krasznavolgyi	O. ESHAREGHARAN
2004-ETCA-06		09:30 - 10:00	Comparison of Several Machine Learning Algorithms for the Prediction of (shear Interval Transit Time (Inverse of Shear Velocity): A Case Study from A Field, Onshore Niger Delta	OKEWOLE, Olayemi Samuel	O. S. OKEWOLE
2004-ETCA-07		10:00 - 10:30	Density-compressional Velocity Machine Learning Modelling of a Field, Offshore Niger Delta	Adebola Adeniran and Ahzegbodor Aizebeokhia	A. ADENIRAN
		10:30 - 10:40	TEA/COFFEE BREAK		

Chair/Co-Chair: Johnbosco Onyeji/Chudi Obinna, James Adeola, Matthew Ogofa

2004-ETCA-13	WEDNESDAY, 18/11/2020	10:40 - 11:10	Petrophysical Data-Driven Analytics for Synthetic Sonic Log Generation Using Machine Learning in G-Field, Offshore Niger Delta	Jerome Asedegbega, Oladayo Ayinde, Sophia Ogbodu, Alexander Nwakanma, Percy Ojogbo, and Olaniyi Obembe	O. AYINDE
2004-ETCA-03		11:10 - 11:40	Application of Rock Physics Modelling for Litho-Fluids Discrimination	Eze Stanley	S. EZE
2002-GPHY-23		11:40 - 12:10	Seismic Scale Reservoir facies characterization using Elastic Inversion of OBN dataset: how to get past limitations from using only wells with elastic logs acquisition	Eric Tawile, Sunday Amoyedo, Olatunbosun Olagundoye, Loreline Kaucsar, Perez Kakaire	E. Tawile
		12:10 - 13:00	LUNCH		

Chair/Co-Chair: Ebere Bernard/Sunday Adole, Oladipo Ojo, Collins Ibekwe

2004-ETCA-12	WEDNESDAY, 18/11/2020	13:00 - 13:30	LWD Pressure Acquisition Learnings and the Application of Real-time Density Image: Case Study, Offshore Niger Delta	Okonji I. K, Dada R., Zhou J., Olatoke O., Olatunbosun A., Orupabo, S., Samagbeyi N., Olopade O., Thomas-Ideh, O.	I. K. OKONJI
2004-ETCA-17		13:30 - 14:00	Rock Physics Bounds and Models: A key tool to characterize Lithology and Fluids types in Niger Delta Basin	Okeugo, C.G, Onuoha, K.M, Ekwe, A.C, Ibemesi, P.O, and Onwuka, O.J.	C. G. OKEUGO
2004-ETCA-11		14:00 - 14:30	Integration of RST/PLT/Sandview Logging for Production Optimization of a Complex Reservoir: A case study from a Deep Water Field in Nigeria	Zhou J. , Adegoke J., Krukruo G., Ovwigho E., Arowosafe T., Ohiomoba I., Thomas-Ideh O., and Olopade O.	J. ZHOU
		14:30 - 14:40	TEA/COFFEE BREAK		

Chair/Co-Chair: Joseph Ashedu, Jumoke Akinpelu, John Adegoke, Olanbani Ayilola

2001-NGRO-03	WEDNESDAY, 18/11/2020	14:40 - 15:10	Values of Surveillance, Production Data and Subsurface Modeling in Horizontal Well Planning and Execution in an Offshore Niger Delta Reservoir	Mohammed Bilyaminu, Enekhai Oshobugie, Oyie Ekeng, Emeka Anyanwu, Eric Tuitjer, Ibeh Chijioke, Nnaemeka Nwamara, Okoro Innocent	B. H. MOHAMMED
2004-ETCA-22		15:10 - 15:40	The Geologist at the Front-End of Integration – SCON Design Solution	Akinmade Moradeke, Ako Emily, Odumodu Somto, Nnanna Erasmus, Arochukwu, Elias, Kelly Maguire, Evans Isowamwen and Rahman Abudu	M. AKINMADE
2004-ETCA-16		15:40 - 16:10	Quality Flag and Traffic Light System: A Classification Process to Determine Well Location Accuracies	Adeleke Ojo E. & Monkman John E	A. E. OJO
2001-NGRO-02		16:10 - 16:40	Managing Drilling Operations Remotely During a Pandemic: The Huy Well Experience in Niger Delta	David Odesa	D. ODESA

CLOSING

THURSDAY, NOVEMBER 19, 2020 - TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE - SESSION 1

SPECIAL TECHNICAL PAPER : Investing in Deepwater Nigeria: Extending Known Prospectivity into Open Acreage

SPEAKER: JAMES DODSON, FELICIA WINTER AND WOLE SHEBIOBA

TIME: 8:00 - 9:00 AM

CHAIRMAN/MODERATOR: NEDO OSAYANDE, KANU A. KANU, CHIKWE EDOZIEM, PROF IDARA AKPABIO, REGINALD MBAH

THURSDAY, NOVEMBER 19, 2020 - TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE - SESSION 1

SUBTHEME 2 & 3:NOVEL CONCEPTS AND APPROACHES IN GEOPHYSICS & PETROLEUM SYSTEM STUDIES AND INTEGRATED RESERVOIR MODELLING

SUBDISCIPLINE: 4D SEISMIC, FIELD DEVELOPMENT, SEQUENCE STRATIGRAPHY, GEOCHEMISTRY

Chair/Co-Chair: Olatubosun Olagundoye/Femi Esan, Sikiru Amidu, Collins Ibekwe

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER
2002-GPHY-20	THURSDAY, 19/11/2020	09:00 - 09:30	Qualitative Time-Lapse Seismic Interpretation of Elem-Ifoko Field Using Different 4D Seismic-Derived Attributes	Horsfall, Opiriyabo Ibim, Akpan Mfonobong Joseph, Davies, Onengiyefori Anthony	O. I. HORSFALL
2004-ETCA-24		09:30 - 10:00	The Value of 4D Seismic Data in Infill Development Drilling – The Agbami Case Study	Ezinne Nnachetta, Nanqun He, Alex Ikeneku, Philip Adegbeye, Huang Hong, Reginald	E. NNACHETTA
2002-GPHY-11		10:00 - 10:30	Integrating Seismic Attributes and Seismic Inversion for Improved Reservoir Description in Onshore Niger Delta, Nigeria	Akpan, Mfonobong Joseph and Nyakno Jimmy George	M. J. AKPAN
		10:30 - 10:40	TEA/COFFEE BREAK		

Chair/Co-Chair: Gideon Giwa/Oluseye Ekun, Tunde Alalade, Raphael Oyanyan

2003-PSRM-28	THURSDAY, 19/11/2020	10:40 - 11:10	Real Options Thinking and Decision Tree Analysis (DTA) in Asset Development: Case Study from a Multi-Reservoir Drilling Program Planning in the Cenozoic Niger Delta, Offshore Nigeria	Diakparomre U.A., Ogiamien E. O., Morales D. C., Akinpelu J. K., and Ali A. L.	U. A. DIAKPAROMRE
2004-ETCA-24		11:10 - 11:40	Optimal Integration of Real Time Reassessment of Seismic and Reservoir Logging Data in Mitigating the Impact of Faults in Well Drilling - The GP-X Well Case Study	Emmanuel AKHAJEME, Chukwuka CHIZEA, Livinus NOSIKE, YUSUF Moyosoluwa, Mobolaji FASHANU, Adekunle AGBEJULE, Benneth OTEH	E. AKHAJEME
2003-PSRM-10		11:40 - 12:10	Diagenesis and Authigenic Clay Minerals inhabiting pore spaces of Reservoirs from Paleocene Niger Delta	Gloria Ogochukwu Ootosigbo, Olugbenga Ajayi Ehinola and Nzekwe Kenneth Emeka	O. G. OGOCHUKWU
		12:10 - 13:00	LUNCH		

Chair/Co-Chair: Prof. C. S. Nwajide, Francis Ezeh/Peter Obiakor, Ifeanyi Obi, Dim Chidozie

2003-PSRM-34	THURSDAY, 19/11/2020	13:00 - 13:30	Sequence Stratigraphic, Structural and Stratigraphic Studies of Miocene-Pliocene Deposit in OML XY Block, Southeastern Niger Delta Basin, Nigeria	Ibrahim, O. Ibrahim, Adekeye, O. Adeleye and Muhammed Muhammed	I. O. IBRAHIM
2003-PSRM-25		13:30 - 14:00	Outcrop-Based Sequence Stratigraphic Interpretation of Ihube and Environs in Okigwe, Anambra Basin	Akudike J.C., Onyekuru S.O., Akaolisa C.C.Z., Usen S.O.	J.C. AKUDIKE
2003-PSRM-16		14:00 - 14:30	Granulometric and Pebble Morphometry Analyses of Rock Units within the Uzuakoli-Ahaba Axis and Environs: An Outcome of Geological Mapping and Outcrop Studies	Anyanwu, I. E., Orji, I. K., and Okeugo, C. G	I. E. ANYANWU

14:30 - 14:40 TEA/COFFEE BREAK

Chair/Co-Chair: Prof. Ekweozor, Prof. Matthew Nton, Chidi Eneogwe, Michael Nwume, Prof. Ernest Durugbo

2003-PSRM-04	THURSDAY, 19/11/2020	14:40 - 15:10	Bio-Chemo-Petrographical Characteristics of the Kalambaina Formation as a Major Potential Carbonate Reservoir in the Sokoto Basin of Northwestern Nigeria	Obaje, N. G., Bomai, A., Moses, S. D., Ali, M. S., Adamu, S., Essien, A., Lamorde, U., Umar, U. M., Ozoji, T. M. and Adamu, L. M.	N. G. OBAJE
2003-PSRM-27		15:10 - 15:40	Provenance History of the Cretaceous Gombe Formation along Arawa Stream, Gongola Sub-basin, Northern Benue Trough, NE Nigeria: Inorganic Geochemical approach	Usman Abubakar, Mohammed Imrana Mustapha, Musa Bappah Usman	U. ABUBAKAR
2003-PSRM-03		15:40 - 16:10	Appraisal of Petroleum Source Rock Potential of Tuma-1 and Wadi-1 Wells, Chad Basin NE Nigeria: From the View Point of Biomarker Geochemistry	Taofik A. Adedosu and Gbenga O. Ogungbesan	T. A. ADEDOSU
2003-PSRM-14		16:10 - 16:40	Geochemical Characterization of the Mamu Formation Sediments in Anambra basin, Nigeria	Adeleye, Mutiu Adesina and Olorunnfemi, Oluwatoyin	A. M. ADESINA

CLOSING

THURSDAY, NOVEMBER 19, 2020 - TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE - SESSION 2

SPECIAL TECHNICAL PAPER : Investing in Deepwater Nigeria: Extending Known Prospectivity into Open Acreage

SPEAKER: JAMES DODSON, FELICIA WINTER AND WOLE SHEBIOBA

TIME: 8:00 - 9:00 AM

CHAIRMAN/MODERATOR: NEDO OSAYANDE, KANU A. KANU, CHIKWE EDOZIEM, PROF IDARA AKPABIO, REGINALD MBAH

THURSDAY, NOVEMBER 19, 2020 - TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE - SESSION 2

SUBTHEME 4, 5, 3 & 6: EMERGING TECHNOLOGIES AND CURRENT APPLICATIONS IN EXPLORATION AND PRODUCTION; ENERGY MIX AND TRANSITION; PETROLEUM SYSTEM STUDIES AND INTEGRATED RESERVOIR MODELLING & HEALTH, SAFETY, SECURITY AND ENVIRONMENT

SUBDISCIPLINE: EMERGING TECHNOLOGIES IN GEOSCIENCES, ENERGY MIX AND TRANSITION, SEDIMENTOLOGY/ICHTNOLOGY, HSSE & EIA

Chair/Co-Chair: Afolabi Fatunbi/Femi Adepoju, George Okeke, Chris Onyekwere

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER
2007-HMDP-01	THURSDAY, 19/11/2020	09:00 - 09:30	Enhancing Seismic Data Interpretability and Opportunity Capture with Integrative Spectral Enhancement and Noise Cancellation Tools	Sikiru A. Amidu, Temi T. Jaiyeola, Abubakar Salisu	S. A. AMIDU
2007-HMDP-02		09:30 - 10:00	A Systematic Approach used for Wellbore Placement in Deep-seated Radioactive Sandstone Reservoir: Case Study- Onshore, Niger Delta	Onyeji, J. A., Taiwo, B. O., Oduware, O., Asaolu, A.O., Zen Fifi, A. I., Okeke, G.N., and Imomoh, V. B.	J. ONYEJI
2004-ETCA-01		10:00 - 10:30	Environmental Control and Monitoring Solution for Nigerian Offshore Industries	Samson H. Onyeabor and Johnson O. Amobi	S. H. ONYEABOR
		10:30 - 10:40	TEA/COFFEE BREAK		

Chair/Co-Chair: Taofik Adedosu Adewale, Mascot Ogunjemiyo, Timothy Tella

2005-ENMT-04	THURSDAY, 19/11/2020	10:40 - 11:10	Power Generation Crisis: Analysis of PMS Consumption and Carbon Emissions from South-Eastern Nigeria	Maduwesi, C. O. and Gershon, O.	C. O. MADUEWESI
2004-ETCA-23		11:10 - 11:40	Unlocking the Potential of Helium in Nigeria	O.O. Omo-Irabor, A. Rim-Rukeh, E. Agbalagba, J. Obatala,	O. OMOLEOMO
2005-ENMT-05		11:40 - 12:10	Strategic Alternatives for Nigeria's Indigenous Independents in the Energy Transition	Abidoeye, S	S. ABIDOYE
		12:10 - 13:00	LUNCH		

Chair/Co-Chair: George Unomah/ Prof. A. W. Mode, Tayo Magbagbeola, Thomas Harry

2003-PSRM-32	THURSDAY, 19/11/2020	13:00 - 13:30	Sedimentological, Biostratigraphic and Petrographic Analyses of Miocene near-shore Deposits, Onshore, Niger Delta Basin	Eradiri, Joseph Nanaoweikule, Mode, Ayonma Wilfred, Okwara, Ikenna Christopher, Anyiam, Okwudiri Aloysius, Odafen, Ehimare Erhire, Ulasi, Ngozi Augustina and Umeadi, Maryanna Ijeoma	E. J. NANAOWEIKULE
2003-PSRM-33		13:30 - 14:00	Sedimentological, Mineralogical and Geochemical Studies of the Enagi Formation Sandstone, Northern Bida Basin, Nigeria: Implications for Provenance	Adepoju, S.A., Ajayi A.J., Olaniyan, O. and Ojo, O.J.	S. A. ADEPOJU
2003-PSRM-18		14:00 - 14:30	Ichnofossils, Petrography and sedimentological Studies of Reservoir intervals of Paleocene sediments of Central Swamp Depobelt of Niger Delta and Offshore Dahomey Basins, Nigeria	Gloria Ogochukwu Otosigbo, Olugbenga Ajayi Ehinola and Murray Gingras	G. O. OTOSIGBO
		14:30 - 14:40	TEA/COFFEE BREAK		

Chair/Co-Chair: Prof. Ehinola/Dapo Adeyemo, Ipoola Okunlola, Prof. Ernest Durugbo

2006-HSSE-01	THURSDAY, 19/11/2020	14:40 - 15:10	Acute Toxicity assessment of produced water effluent stream on selected local organisms in Delta State, Nigeria	Moses Ngwoke, Ogbonnaya Igwe and Obinna Ozioko	M. NGWOKE
2006-HSSE-02		15:10 - 15:40	Application of 2D Resistivity Survey in the Mapping and Characterization of an Oil Spill in an X-Flowstation, Bayelsa State, Nigeria	Obinna Ozioko, Paul Mogaba, Okeugo Chukwudike Gabriel, Kelechi Faith Mmesomachukwu	O. OZIOKO
2006-HSSE-03		15:40 - 16:10	Assessment of Heavy Metals and Physicochemical Properties of Soils in Parts of Akure, South Western Nigeria	Adebayo, M. T., Amusan, R. O., Alakuko, R. A.	M. T. ADEBAYO
2006-HSSE-05		16:10 - 16:40	Environmental Evaluation Studies (EES): Trend analysis, Impact Classification and Mitigation, for Air, Groundwater and Soil in an X-flow station,	Ogbonnaya Igwe, Moses Ngwoke, Obinna Ozioko and Chimamkpm Ezeugwu	O. OZIOKO

CLOSING

THURSDAY, NOVEMBER 19, 2020 - TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE - SESSION 3

SPECIAL TECHNICAL PAPER : Investing in Deepwater Nigeria: Extending Known Prospectivity into Open Acreage

SPEAKER: JAMES DODSON, FELICIA WINTER AND WOLE SHEBIOBA

TIME: 8:00 - 9:00 AM

CHAIRMAN/MODERATOR: NEDO OSAYANDE, KANU A. KANU, CHIKWE EDOZIEM, PROF IDARA AKPABIO, REGINALD MBAH

THURSDAY, NOVEMBER 19, 2020 - TECHNICAL PAPERS - ORAL PRESENTATIONS SCHEDULE - SESSION 3

SUBTHEME 3, 6 & 7: PETROLEUM SYSTEM STUDIES AND INTEGRATED RESERVOIR MODELLING & HEALTH, SAFETY, SECURITY AND ENVIRONMENT; TALENT MANAGEMENT, CAPACITY BUILDING AND THE NEXT GENERATION OF E & P LEADERS

SUBDISCIPLINE: OPERATIONS GEOLOGY, INLAND BASIN PETROLEUM GEOLOGY, HSSE & EIA; HUMAN CAPACITY DEVELOPMENT/TALENT MANAGEMENT

Chair/Co-Chair: Timothy Akinagbe / Tunde Alalade, Prof. Omo Irabor, Wilson Osung

ABSTRACT NO.	DAY/DATE	TIME	TITLE	AUTHOR (S)	PRESENTER
2003-PSRM-38	THURSDAY, 19/11/2020	09:00 - 09:30	Strategic Planning and Execution of a Multi-Scenario, Multi-Target Well: Inuen Field Example	Tamunobereton-ari N., Akinpelu J. K., & Samagbeyi N.	N. TAMUNOBERETON-ARI
2003-PSRM-41		09:30 - 10:00	Well Operations Challenges and Learnings in a Mature Production Field– Case Studies in a Shallow Water Environment	Olatoke O., Egunjobi O., Mackenzie R.A., Osivwi T. and Olopade O.	O. OLATOKE
2003-PSRM-13		10:00 - 10:30	Geo-assayed Vestige of Skin Facets and Horizontal Well Hunks for Aggrandized Utile Oil Field Tract	Egu, Daniel Ikechukwu and Ilozobhie, Anthony John	E. D. IKECHUKWU
		10:30 - 10:40	TEA/COFFEE BREAK		

Chair/Co-Chair: Prof. C. S. Nwajide/Prof. Olusola Ojo, Genevieve Okeke, Theodora Ugboko

2003-PSRM-12	THURSDAY, 19/11/2020	10:40 - 11:10	Evaluation of the Shale Gas Potentials of Ekenkpon Shale, Calabar Flank, Southeastern Nigeria	Anthony Odama Ogidi, Nse Udo Essien, Emmanuel Etim Okon and Mathew Essien Nton	A. O. OGIDI
2003-PSRM-37		11:10 - 11:40	Source Rock Evaluation of Rock Samples from Cretaceous-Tertiary Boundary of Sokoto Basin, North Western Nigeria	Ehinola O.A, Bassey ,C.E. and Adeosun ,K.O`	O. A. EHINOLA
2004-ETCA-21		11:40 - 12:10	The Early Oligocene HX-sands fairways: An insight for predicting reservoir presence and quality across Faulted Blocks, Onshore – Shelf, Niger Delta Basin, Nigeria	Okeugo, C.G, Onuoha, K.M, Dim, C.I.P, Ekwenye, O.C, Okwara, I.C, and Obi, I.S.	C. G. OKEUGO
		12:10 - 13:00	LUNCH		

Chair/Co-Chair: Abimbola Durogbitan, Olabisi Olopade, Prof. Tse Akaha

2006-HSSE-04	THURSDAY, 19/11/2020	13:00 - 13:30	Environmental and Economic Impact of Crude Oil Pipeline incidents in Niger Delta, Nigeria.	Chukwu, Emeke and Maduwesi, Chioma. Oluchukwu.	E. CHUKWU
2006-HSSE-07		13:30 - 14:00	Geological Sustainability: A Major Focus on the Geological Impact of Remediation of Crude Oil Contaminated Land Involving Excavation and Back-Filling	Chidinma Uzochukwu	C. UZOCHUKWU
2006-HSSE-08		14:00 - 14:30	Shoreline Migration along the Barrier-Lagoon Coast of Nigeria – A Possible threat to Economic Activity.	D.O. Nnebedum, A. W. Mode and O. Igwe	D. O. NNEBEDUM
		14:30 - 14:40	TEA/COFFEE BREAK		

Chair/Co-Chair: Wasiu Odufisan, Adedoja Ojelabi, Juliet Emudianughe, Emmanuel Maduawia,

2007-HMCD-01	THURSDAY, 19/11/2020	14:40 - 15:10	Best Practices to Enhancing Integration of Industry and Academia and Ensuring the Sustainable Future of Geosciences in Nigeria	Akudike J.C., Okeke O.C., Usen S.O., Ezennubia V.C.	J. C. AKUDIKE
2007-HMCD-02		15:10 - 15:40	Talent Management Agenda in a Post Covid-19 World	Adebayo Akinloye	A. AKINLOYE
2007-HMCD-03		LEAD PAPER	Talentism – a Significant Growth Accelerator in Nigeria’s Oil & Gas Industry	AKINLOLU (AKIN) ONI	A. ONI

CLOSING

NAPE 2020



38th NAPE

ANNUAL *Virtual* INTERNATIONAL CONFERENCE & EXHIBITION

THEME:

**Accelerating Growth in Nigeria's Hydrocarbon Reserves:
Emerging Concepts, Challenges and Opportunities**



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15-19 NOVEMBER 2020



NAPE

38TH ANNUAL INTERNATIONAL CONFERENCE & EXHIBITION, 2020 (VIRTUAL)

TECHNICAL PAPER PRESENTATION SCHEDULE

POSTER PRESENTATION SCHEDULE

WEDNESDAY, NOVEMBER 18 - THURSDAY, NOVEMBER 19, 2020

WEDNESDAY (NOVEMBER 18, 2020) POSTER PRESENTATION SCHEDULE

VIRTUAL

JUDGES: Segun Obilaja, Reginald Mbah, Lukeman Adeoti, Adepelumi A. A., Kehinde Olafiranye					DISCIPLINE
ABSTRACT NO	TIME	TITLE	AUTHOR	PRESENTER	
2002-GPHY-13	09:30 - 11.30	Integration of Rock Physics and Seismic Attributes for Reservoir Quality Assessment: A case Study of "Solid" Field, Niger Delta	Ajisafe, Y. C., Folorunso, O. E., Ogunrinde D. E., Omoyemi O. V., Towoju, V. O.	Y. C. AJISAFE	Geophysics
2002-GPHY-14		Inversion and interpretation of a 3D seismic data set from Greater Ughelli Depositional Belt of Niger Delta, Nigeria	Nwiyor, Prince Sudor, Uko, E. D. and Akpan, Mfonobong Joseph.	P. S. NWIYOR	
2002-GPHY-16		Mineral and Hydrocarbon Potential of the Ikom-Mamfe Embayment and Environs, Southeastern Nigeria: Contributions of Aeromagnetic and Geoelectric Data	Emedo, C.O. , Ugbor, C.C., Arinze, I.J and Ngwaka, A.C.	C. O. EMEDO	
2002-GPHY-17		Multi Azimuth Imaging of an Oil-bearing Faulted Sandstone Reservoir: A Nigeria deep offshore Case study	Mike Smith, Johnny Chigbo, Akpowene Onojete, Paula Ukerun, Jean-Patrick Mascomère, Emmanuel Ekut, Maureen Esotu, Salvador Pou Palomé	A.ONOJETE	
2002-GPHY-21		Reservoir quality imaging and prediction efficiency using constrained rock physics models, seismic spectral attribute and simultaneous inversion.	Ugwuanyi, C. E., Okeugo, C. G., Dim, C. I. P.	C. E. UGWUNYI	

LUNCH

JUDGES: Berti Ozumba, Rosina Basorun, Femi Lasisi, Femi Ojo, Bunmi Adeigbe, Amobi Johnson					DISCIPLINE
ABSTRACT CODE	TIME	TITLE	AUTHOR	PRESENTER	
2003-PSRM-06		Biostratigraphy, Palaeoenvironment and Sequence Stratigraphy of Field "X", Niger Delta Basin	Blessing Afolayan, Olugbenga Ehinola and Noble Nnakenyi	B. A. AFOLAYAN	Petroleum System and Reservoir Modelling
2003-PSRM-15		Geochemical Evaluation and Petroleum Potential of Enugu Formation, Anambra Basin, South Eastern Nigeria	A.O.J. Adebowale, Raji, J.K., Adigwu, R.O., Amoyedo, A.A. and Ibitoye, T.A.	A. O. J. ADEBOWALE	
2003-PSRM-17		Hydrocarbon prospectivity and risk assessment of "Bob" field central swamp Depobelt, onshore Niger delta.	Ugwuoke, Celestine Ifeanyi, C. C. Ugbor	C. I. UGWUOKE	
2003-PSRM-23		Model Based Reservoir Evaluation of 'Ko' Field	Okosun, K. O. , Abe, S. J.	K. O. OKOSOUN	
2003-PSRM-21		Integration of 3D Static Modelling for Optimal Reservoir Cgacterization of ATQ Field, Onshore Niger Delta Basin	Agbaje T.Q , Awosiji V.A	T. Q. AGBAJE	
2004-ETCA-15		Prospectivity studies using Integrated Approach: A case study of CU Field, Onshore Niger Delta	Chidinma Uzochukwu	C. UZOCHUKWU	

THURSDAY (NOVEMBER 19, 2020) POSTER PRESENTATION SCHEDULE

VIRTUAL

JUDGES:		Temitope Olabiyi, Ebere Bernard, Ekere Akpan, Ibrahim Dung, Oluseye Oshewa			DISCIPLINE
ABSTRACT CODE	TIME	TITLE	AUTHOR	PRESENTER	
2003-PSRM-30	09:30 - 11.30	Reservoir quality assessment using outcrop features around Mpu and Environs Southeastern Nigeria	Okolo, C.G, Anyiam, A.O., Emedo, C.O	C. G. OKOLO	Petroleum System and Reservoir Modelling
2003-PSRM-31		Sedimentary Facies and Hydrocarbon Generative Windows Determination Using Geomathematical Model: Case Study "Seloken Field", Chad Basin, Northeastern Nigeria	Okeke, S. E., Akpunonu, E. O., Okafor, O. C., Didi, C. N., Oboh, G. O., Anakor, S. N., Obi, C. C.	S. E.OKEKE	
2003-PSRM-35		Sequence Stratigraphy and Paleobathymetry of the Albian - Coniacian Sediments of the Southern Benue Trough.	Ulasi, Ngozi. A, Mode, A. W , Okeke, K. K	N. A. ULASI	
2003-PSRM-39		The Faults in Our Fields- Impact of Fault Sealing and Transmissibility on Field Development in a Niger Delta Gas Field	Amuboh, Okiemute; Ibikunle, Gbolade; Ahmed, Suleiman; Arochukwu, Elias; Etokakpan, Eteobong; Imorame, Imonite.	O. AMUBOH	
2003-PSRM-40		The Integration of Rock Physics and Petrophysical Analysis for Fluid and Lithology Discrimination of the Reservoirs in the "Bovi field," Offshore, Niger Delta	Victor Awosiji, Saka Opeloye	V. A. AWOSIJI	

LUNCH

JUDGES:		Udeme Udofia, Gideon Amaechi, Cyril Nwonye, Emmanuel Ogunu, JohnBosco Onyeji, Wilson Osung			DISCIPLINE
ABSTRACT CODE	TIME	TITLE	AUTHOR	PRESENTER	
2004-ETCA-05	13:30 - 15:30	Automated Seismic Interpretation Workflow for Enhanced Opportunity Capture, Field Examples from NNPC/MPN JV Acreages SE Niger Delta	Sikiru A. Amidu, Francis P. Ezeh, Abubakar Salisu	S. A. AMIDU	Emerging Technology in Geosciences
2004-ETCA-10		Estimation of Missing Petrophysical Data using a Machine Learning Based Bagging Approach	Ibrahim Olawale, Fatai Anifowose	I. OLAWALE	
2006-HSSE-09		The Environmental Impact Assessment Studies of the proposed G- gas Plant Project in the Niger, Delta	Ogbonnaya Igwe, Moses Ngwoke, Chimamkpm Ezeugwu and Obinna Ozioko	C. EZEUGWU	HSSE &EIA
2006-HSSE-06		Environmental Impact Assessment (EIA): Baseline biophysical data acquisition of J- field in Niger Delta Area for proposed Gas Field Project	Ogbonnaya Igwe, Moses Ngwoke, Uchenna Ezea, Obinna Ozioko and Chimamkpm Ezeugwu	U. EZEA	
2005-ENMT-01		Exploratory Mapping of (Pb-Zn) Sulphide and Barite Mineralization in the Abakaliki and Obubra Mining Districts (AOMD), Southeastern Nigeria	Ngwaka A.C, Emedo, C.O., Arinze I.J., and Okolo, C.G.	A. C. NGWAKA	Energy Mix and Transition
2005-ENMT-03		Increasing the Relevance of Biofuel as a renewable energy System	Victor Idongesit Idem	V. I. IDEM	

Dr. Christopher Asuquo Jackson

NAPE Editor-in-Chief &

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