



SOCIETY OF PETROLEUM ENGINEERS
SECTION 103 PORT HARCOURT
YOUNG PROFESSIONALS

2024 YOUNG PROFESSIONAL SYMPOSIUM

Theme:

**EMPOWERING TOMORROW'S ENERGY LEADERS:
NAVIGATING THE DIGITAL FRONTIER IN THE OIL AND
GAS INDUSTRY**

Sponsors:





Society of Petroleum Engineers
Section 103 Port Harcourt
Young Professionals

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YOUNG PROFESSIONAL
SYMPOSIUM

Theme:

**EMPOWERING TOMORROW'S ENERGY LEADERS:
NAVIGATING THE DIGITAL FRONTIER IN THE OIL AND
GAS INDUSTRY**

Virtual Event

2nd - 3rd May, 2024

1:00pm - 4:00pm

Hybrid Event

4th May, 2024

9:30am - 4:00pm



Shell Residential Area,
Port Harcourt - Aba Express Way,
Rumuokwurus, Port Harcourt,
500102, Rivers State



Symposium Website
spesymposium2024.netlify.app



Registration fee:
NGN 4,000

Keynote Speaker



Terry Palisch
SPEi President

Panelists



Ndubuisi Ekekwe
Lead Faculty of Takeda Institute



Adora Nwodo
Founder, NexaScale, Senior Software Engineer &
Cloud Engineering Author



Adango Hart
GM Operations, CypherCrescent



Razaq SHUAIB
Manager in JV Asset Field Operations,
TotalEnergies.



Martins Amos
Smartfield Lead, Shell Nigeria



Sam-odumo Joseph
Head of Business Demands and Applications,
NAOC
Moderator

Breakout Session Speakers



Wilson (Buduzi) Obeneme
Digitalisation Lead, Shell UK
Topic: Skills Development for Digital Energy Leaders



Osemhen Okenyi
Innovation Manager
*Topic: Value Amplification through Digital
Investments in the Oil and Gas Industry*



Emmanuel Udofia
MD/CEO, Suneses Energy LTD
*Topic: Data-Driven Asset Performance
Management*

Special Guests of Honor



Oghogho Effiom
SPE, Africa Regional Director



Engr. Salahudeen Tahir
SPE, Nigeria Council Chairman

Host



Ngozi Okonkwo
Chairperson, SPE Port Harcourt Section

Short Course Facilitators



Tamunomiete Oruambo
Project Deliver Adviser, WRFM, Shell Nigeria
*Topic: Integrated Well, Reservoir, and Facility
Management in the Energy Sector*



Olive Okwunna
Data Engineer / Software developer at
Cyphercrescent Ltd
*Topic: Data Analytics for Energy
Industry Insights*



Adeyemi Abiodun
Subject Matter Expert of Mechanical Department/
Process Specialist Energy Tech
*Topic: ASPEN HYSYS for Process Design in the Energy
Sector*



Carlos Nwabueze
Founder of the Golden Vessels Network Initiative
*Topic: Entrepreneurial Development
for Young Professionals in Energy*

Sponsors:



NGOZI OKONKWO
SECTION CHAIRPERSON

SIR ABIYE PEDRO
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YP SYMPOSIUM CHAIRPERSON



Spiphc Society of Petroleum Engineers (Section 103)









Spiphc103



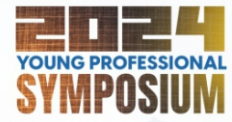
SPE Port Harcourt Section

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PROGRAM OF EVENT



Period / Time (Day/hrs)	Programme	Session Management	Resource Person
DAY 1 & 2 (2ND MAY - 3RD MAY)	13:00 Opening Remarks		2024 YP Symposium Chair
	13:05 Short Course: 1) Integrated Well, Reservoir, and Facility Management in the Energy Sector 2) Data Analytics for Energy Industry Insights 3) ASPEN HSYS for Process Design in the Energy Sector 4) Entrepreneurial Development for Young Professionals in Energy	Short Courses Moderators	Course Facilitators: 1) Tamunomiete Orumbo 2) Olive Okwunna 3) Adeyemi Abiodun 4) Carlos Nwabueze
	16:05 Closing Remarks		2024 YP Symposium Chair
DAY 3 (4TH MAY)	9:30 Opening Session: Recognition of invited Dignitaries	MC	VIPs - Council (chair, vice, members), section directors, board members, etc.
	9:35 National Anthem		
	9:40 Welcome Address		Section Chairperson - Madam Ngozi Okonkwo
	9:45 Opening Remarks		Nigerian Council Chair - Tahir Salahudeen
	9:55 Goodwill Message	African Regional Director - Oghagho Effiom	
	10:00	Music Interlude	
	10:05 Keynote Presentation "Digital Transformation: Shaping the Future of Energy"	MC	SPEi President (Terry Palisch)
	10:20	Music Interlude	
	10:25 Panel Session: Empowering Tomorrow's Energy Leaders: <i>Navigating the Digital Frontier in the Oil and Gas Industry.</i>	Panel Session Moderator	1) Ndubuisi Ekekwe 2) Adango Hart 3) Adora Nwodo 4) Razaq Shuaib 5) Martins Amos 6) Moderator - Sam-odumo Joseph
	11:30	Ice Breaker (Pop Quiz)	
	11:35 The Energy Challenge: Initiatives for Digitalization in the Energy Industry	MC	Energy Challenge Judges
	12:10	Lunch Break	
	13:10	Music Interlude	
	13:15 Debate Session: Digitalization in the Oil and Gas Industry: Embracing Efficiency or Endangering Employment?	MC	Debate Judges
	13:45	Music Interlude	
	13:50 Breakout Session: 1) Skills Development for Digital Energy Leaders 2) Value Amplification through Digital Investments in the Oil and Gas Industry 4) Data-Driven Asset Performance Management	Breakout session Moderators	1) Wilson (Buduzi) Obeneme 2) Osemhen Okenyi 3) Emmanuel Udofo
14:45	Music Interlude		
14:50 Job / Career Fair: Career Talk Sponsors Remarks Job fair	MC	Company Reps. Sponsors	
15:40 Wrap Up: Group Photograph Gift Voucher Presentation for Debate Participants Certificate Issuing to Committee Members	MC	All	
16:00 Closing Session: Closing remark	MC	YP Chair	



SYNOPSIS OF EVENT

Sustainable development, public health, security, and economic growth are all critically dependent on the long-term availability of energy from accessible, affordable, and environmentally benign sources.

In recent years, digital technologies have become a vital force driving change in the energy industry. The industry has made significant strides in leveraging digital technologies to enhance efficiency, reduce cost of operation, and improve sustainability. For instance, the industry has adopted big data analytics to optimize operations, predict maintenance needs, and improve overall asset performance. Similarly, Artificial Intelligence (AI) and Machine Learning (ML) algorithms have been initiated to analyze complex data sets, identify patterns and optimize energy production and distribution.

Digital transformation in the energy industry is no longer an option but a necessity. As such, empowering young energy leaders in the digital frontier is not only a strategy but essential. By harnessing their creativity, passion, and digital prowess, we pave a way for a new generation of digitally savvy energy professionals who can lead the industry towards a more sustainable and technologically advanced future. This we hope to assimilate as we converge.

This symposium program will feature discussions on the ways in which young energy leaders can navigate the digital frontier and leverage digital tools to drive efficiency, sustainability, and innovations in the energy industry.

EVENT SPONSORS RECOGNITION

PLATINUM SPONSOR



SHELL PETROLEUM DEVELOPMENT COMPANY (SPDC)

Shell Petroleum Development Company (SPDC) is a subsidiary of Royal Dutch Shell Plc, a British-Dutch multinational oil and gas company. SPDC is the oldest and largest oil and gas company in Nigeria, and it has been operating in Nigeria since 1937. The company is involved in the exploration, production, and distribution of oil and gas in Nigeria.

SPD operates in the Niger Delta region of Nigeria, which is one of the largest oil and gas-producing regions in the world. The company's operations in Nigeria include oil and gas exploration, production, and distribution. SPDC also operates oil and gas pipelines, processing plants, and onshore production platforms.

The company is committed to sustainable development and has implemented several initiatives to minimize its impact on the environment and local communities. It has also established several social investment programs to improve the lives of people living in the Niger Delta region. SPDC has faced several challenges in Nigeria, including security threats, oil theft, and vandalism of its facilities.

The company has worked closely with the Nigerian government and local communities to address these challenges and promote peace and stability in the region. As of 2021, SPDC has approximately 5,000 employees in Nigeria, and it is one of the largest employers in the country. The company is also committed to promoting local content development and has implemented programs to develop the skills of Nigerian workers and support the growth of local businesses.

EVENT SPONSORS RECOGNITION

PLATINUM SPONSOR



CAGL Global is a service company that is robust, human and technology driven, pushing to become a leading innovative and solutions focused service company choice in Africa. We combine the strengths of people and technology to provide operational cost efficient and safe solutions. We also have a strong commitment to technology transfer to the local workforce. Our core value is to strive to minimize our negative environmental impact, and to respect personnels within the company as well as the communities in which we operate.

Our services include:

- Drilling, Logging, Measurements and Optimization Services
- Well Construction
- Geological and Well site services
- Completions Products and Services
- Sand Control & Pumping
- Perforation
- Well Intervention and CT Services
- Production Services
- Water Treatment Services
- Wireline/E-line Services
- Artificial Lift/Gas lift
- Well Testing/Testing Services
- Logging and Cased Hole Services
- Land/Marine Logistics and Support
- Vessels, Barges, Cranes, Trucks
- Facility/Asset Maintenance and Surveillance
- Site Preparation
- Third Party Intrusion and Leakage Detection
- Tank Cleaning/Sludge Removal
- Pipelines Protection, Replacement and Repairs
- Gas Compression, Processing and Solutions
- Novel Flare Destruction and Removal Incinerator Technologies
- Gas Monetization and Commercialization Solutions
- Specialized Procurement Services – pipes, accessories, and oilfield equipment.
- Discipline/Technical Solutions
- Technical Designs and Concepts
- Project Management and Financing



_ -ISO 9001, 45001 and 14001 Certified; NUPRC (DPR) Licensed; Registered with Dun & Bradstreet- _

Bismuth Engineering Limited is an energy service company with expertise in services including production chemistry solutions, cementing and line hanger systems, well control monitoring & management-wellbore clean out & filtration-surface production & well test services, fabrication, rehabilitation and upgrade of tanks, information and communication technology solutions and general engineering/equipment procurement, installation and construction (EPIC). We focus on providing your business with services related to manufacturing and procurement of production and specialty chemicals, drilling and completion fluids, hardware and software solutions, offshore logistics & pipeline process services, leasing and sales of industrial equipment that enables your business to achieve core objectives and maximize returns on your investments.

These include:

_ Industrial Services: Production Chemistry, Cementing & Line Hanger Systems, Well Control Monitoring & Management-Well Bore Clean Out & Filtration, Surface Production & Well Test Services, Tank Cleaning & Calibration, Offshore Logistics & Pipeline Process Services, Engineering Procurement, Installation & Construction and ICT Solutions._

_ Industrial Chemicals: Glycols & Chlorides, Hydroxides & Oils, Acids & Alcohols, Aromatics & Ketones, Lubricants & Greases, Carbonates & Amines, Emulsifiers & Cleaning Products._

_ Industrial Equipment: Surface & Overhead Tanks, Pumps & Compressors, Pipelines & Welding Works, Trucks & Forklifts, Mobile & Crawler Cranes, Boats & Barges, Excavators & Swamp Buggies._

We are ISO 9001, 45001 and 14001 certified, registered with Dun & Bradstreet, licensed by NUPRC (formerly DPR) and retain working relationship with top specialty chemicals, equipment and ICT companies with global reach. In 2022, we signed partnership agreements with the world's leading industrial and specialty chemicals distribution company based in Netherlands inclusive of product delivery at highest standard, technical support and after sales services for the benefit of our clientele. We look forward to a productive partnership with your firm.

Nigeria Office-Port Harcourt: Suite 11, Emmanuel Plaza, along G. U. Ake Road, Elioazu.

Nigeria Office-Lagos: No. 1, Plot 12, Shekoni Street, Surulere.

International Office-United Kingdom: 61, Capital House, Amhurst Road, Hackney, London, E8 1LL, UK.

info@bismuthengineering.com

* _www.bismuthengineering.com_ *

_ Production Chemistry; Well Engineering Services; ICT Solutions_

EVENT SPONSORS RECOGNITION



Bonitas Engineering and Equipment Company is a leading Nigerian provider of downhole tools and equipment operating both locally and internationally.

Our range of services include the sales and rental of

- Coiled tubing tools where we provide basic coiled tubing tools, wellbore cleanout tools, milling tools, fishing tools, auxiliary tools, depth correlation tools, and special application tools.
- Intervention tools, where we provide bridge plugs, cement retainers, setting tools, tubing punchers, tubing cutters, ultra-high expansion tools, straddle systems and downhole camera.
- Slickline tools where we provide wellbore cleanout tools, test tools, gas lift operation tools and special application tools.
- Sand control tools where we provide premium screens and auxiliary tools.

For these services, we specialize in supporting our clients with bottom hole assembly selection and deployment utilizing a risk-based engineering design process.

Furthermore, we provide top-tier maintenance services for these tools, ensuring a fast turnaround time for optimal tool quality and availability. Our highly trained engineers and well-equipped workshops allow us to work with various OEM thru-tubing tools.

Our team comprises highly trained specialists with extensive experience in thru-tubing interventions, including intervention tools specialists, slickline tools specialists, basic CT tools specialists, fishing specialists, and milling specialists.

Our services are driven by quality management processes within our Asset Management, Engineering, Operations and Sales Domain which has made us the industry's first call when exceptional performance and reliability is required on thru-tubing services.

Contact us today: beec@bonitasgroup.com, +234(0)802 784 4846



HYDROSERVE

Hydroserve is a leading oil and gas service company with over two decades of experience in the industry. With a focus on delivering quality services to our clientele, Hydroserve leverages its integrated global knowledge, collaboration, and capabilities to provide a full-tier services in rig and rigless operations, pipeline and process services, field development, rejuvenation and management.

Our subsidiary companies, Hydroserve oil services Nigeria Ltd, Dominion Pipeline Process Ltd, and Hydroserve Projects Management Ltd have the capacity and capability to deliver seamless operations with well trained and competent workforce equipped with standard operating industry guidelines.

As a best-in-class solution company, Hydroserve is uniquely positioned to support our clients across the oil, gas, and energy industry. Our distinctive feature is to drive customer satisfaction while minimizing costs, ensuring maximum investment returns for its clients. The company's experienced team is always ready to showcase its range of solutions, which are designed to convert opportunities into proposals for execution, deliver customized solutions for production enhancement, and offer the full breadth of technical capabilities from design to execution stage. Our well-trained personnel, with their unique skills, diverse backgrounds, and unwavering dedication, are the driving force behind our success. It is through collective efforts that we have achieved remarkable milestones, overcome challenges, and consistently delivered outstanding results to our clients. Our passion, expertise, and commitment to excellence are what set us apart in the industry.

We have an advanced sustainable solution that enhances production. Protect assets in onshore/offshore throughout the oil and gas industries.

Head Office: No. 4 Futo Avenue, Rumuodara, Port Harcourt, Rivers State, Nigeria.

Contact Us: info@hydroserveng.com, www.hydroserveng.com, admin@dpplng.com, www.dpplng.com 07061337780, 09037029003.



KEYNOTE SPEAKER

Terry Palisch is the vice president of technology and engineering at CARBO Ceramics in Richardson, Texas, and the 2024 SPE President. He began his career with ARCO in Alaska and Algeria, joining CARBO in 2004 where he currently leads the Research and Development team. Palisch has been an active SPE member for over 40 years, serving in various roles, including past chairman of the SPE Dallas Section, past chair of the SPE Annual Technical Conference and Exhibition (ATCE) technical program and former SPE Completions Technical Director.

He is an SPE Distinguished Member and has received multiple SPE regional and international awards including Distinguished Service. He has coauthored more than 50 SPE technical papers and holds several patents.

Palisch holds a bachelor's degree in petroleum engineering from University of Missouri Rolla (now the Missouri University of Science and Technology) where he was recently recognized as a Distinguished Alumnus.



TERRY PALISCH
President SPE International



HOST

Ngozi is a Lead Well Engineer in Shell Petroleum Development Company of Nigeria Limited, where she currently manages over 80 personnel in delivering well abandonment and workovers in a safe and cost effective manner. She holds a bachelor's degree in Mathematics & Statistics from the University of Calabar and an MBA in oil & gas from Robert Gordon University.

A certified Completions & Well Intervention Round 2 professional and trained Continuous Improvement Practitioner with over 17 years of active experience in the execution of wells (oil and gas) projects in Shell. She is currently the Chairman of SPE S103.

Ngozi enjoys watching football and tennis and aspires to become an avid golfer.

She is happily married and has two upcoming Engineers as children.

Ngozi Okonkwo
Section Chairperson

GUEST OF HONOR

OGHOGHO EFFIOM

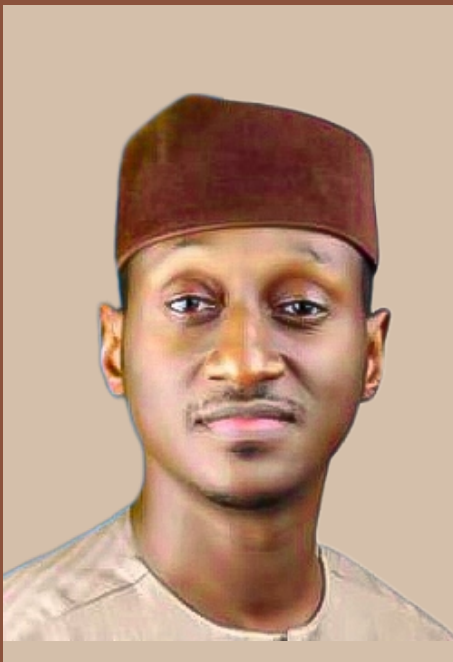
SPE, Africa Regional Director



Oghogho Effiom is the Regional Director, Africa for Society of Petroleum Engineers, sitting on the SPE International Board. Oghogho has over 22 years of technical experience in the Upstream Oil and Gas businesses with assignments in Nigeria and the United States covering offshore drilling operations, reserves estimation, field development and execution. She is also currently the Domestic Gas Business Opportunity Manager for SPDC, a role that integrates technical and commercial gas projects maturation to support Nigeria's gas utilization aspiration. She plays a key governance role in risk management, stakeholder engagement, and budget alignment driving end to end integration of these elements to ensure gas is delivered to domestic markets. Oghogho is a multi award winner recognized as as one of the 100 most influential women in the Oil and Gas Industry in Africa, the international professional Grit award, the SPE Regional Service award as well as the woman in offshore and Maritime award winner. She has also been recognized in Shell with an Upstream impact award winner as well as the Development Function Platinum and Winner

MR. SALAHUDEEN M. TAHIR

SPE, Nigerian Council Chairman



Salahuddeen M. Tahir has over twenty-two years decades of experience in the oil and gas industry. He has degrees in both Geology and Petroleum Engineering. Salahuddeen started his career with the Nigerian National Petroleum Corporation (NNPC) which is now (NNPC) Limited.

With upstream and midstream gas supply and infrastructure project experience, Salahuddeen has had the opportunity over the years to work with several cross-functional teams across the oil and gas industry. He is currently the Head, Assets & Investments Management, NNPC Gas & Power Investment Services (NGPIS), a business arm of NNPC Ltd., where he leads asset management and strategic investments towards operating and maintaining of existing as well as actualization of Power, LNG, and Gas Based Industry initiatives for the company.

As an active volunteer for SPE, Salahuddeen has played local and international roles for the professional body. He is also a member of Nigerian Society of Engineers (NSE) among other professional bodies and is registered with COREN.

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PANELISTS



Ndubuisi Ekekwe
Lead Faculty of Tekedia Institute



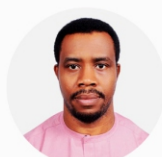
Adora Nwodo
Founder, NexaScale, Senior Software Engineer & Cloud Engineering Author



Adango Hart
GM Operations, CypherCrescent



Razaq SHUAIB
Manager in JV Asset Field Operations, TotalEnergies.



Martins Amos
Smartfield Lead, Shell Nigeria




Sam-odumo Joseph
Head of Business Demands and Applications, NAOC
Moderator

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PROF NDUBUISI EKEKWE

Lead Faculty of Tekedia Institute



Prof Ndubuisi Ekekwe invented and patented a robotic system which the United States Government acquired assignee rights. He holds two doctoral and four master's degrees including a PhD in engineering from the Johns Hopkins University, USA. He earned an undergraduate degree from Federal University of Technology Owerri, Nigeria, where he graduated as his class best student. While in Analog Devices Corp, he co-designed an accelerometer for the iPhone. A recipient of IGI Global "Book of the Year" award, a TED Fellow, IBM Global Entrepreneur and World Economic Forum Young Global Leader, Prof. Ekekwe has held professorships in Carnegie Mellon University and Babcock University, and served in the United States National Science Foundation Committee. Since 2009, the founder of Tekedia Capital, and Chairman of Fasmicro – Intel Corp's only Africa certified and authorized programmable microprocessor partner-has been writing in the Harvard Business Review. He was recognized by The Guardian as one of 60 Nigerians Making "Nigerian Lives Matter" on Nigeria's 60th Independence Day.

ADORA NWODO

Founder, NexaScale, Senior Software Engineer & Cloud Engineering Author



Adora Nwodo is a multi-award winning Senior Software Engineer with 8 years of industry experience. She currently works at the intersection of Cloud Engineering, and Developer Platforms and is passionate about the Cloud and Emerging Technologies. She is also the Vice President of the Nigerian chapter for VRAR Association. Her work there involves creating more awareness for Virtual and Augmented Reality Technologies.

Apart from building and advocating for the cloud and emerging technologies, Adora is a Digital Creator and the Founder of NexaScale, an ed-tech non profit providing simulated work experience for 10,700+ software engineers, designers, and product managers. She has courses online that teaches people about Infrastructure automation, she has also published multiple articles on Software Engineering, Productivity & Career Growth on her blog, AdoraHack. She also has a YouTube channel (Adora Nwodo TV) where she posts tech content that could be useful to Software Developers. Adora is an alumna of the Stanford University Graduate School of Business LEAD.

She has also been featured by Logitech, TechCabal, ChannelsTV, The CXO Magazine, Techpoint Africa, and more. In 2023, Adora won the WomenTech Network Software Engineering Leader of the Year award, and she was also nominated for the Future Africa Awards Prize for Education.

In January 2024, she won the Change Maker of the Year (Tech) award at the Impact Leadership Global Award in Dubai, UAE. In March 2024, she was also recognized as a Top Software Engineer by the Association of Top Professionals in New York, USA.

Adora is the Author of the popular book "Cloud Engineering for Beginners". This book is currently helping a lot of people start their career as Cloud Engineers. She is also the author of "Beginning Azure DevOps," a book published by Wiley, and "Confident Cloud," a book published by Kogan Page.

Adora spends a lot of her time on Twitter and LinkedIn sharing about her experience as a woman in tech. She is extremely passionate about the developer community. She co-organizes community events, and speaks at technology conferences worldwide.

ADANGO HART

GM Operations, CypherCrescent



- Work Experience: 10+ years consummate E&P experience from producing & service companies: Fairfield Energy and CypherCrescent
- Area of Expertise: Petroleum engineering, well completion design, project engineering, well and reservoir studies, WRFM, project management, clean energy technologies and data analytics.
- Leadership Exposure: Lead Petroleum Engineer; Manager, Technical Planning; Manager, Digitalisation Projects; and GM, Petroleum Engineering.
- Education: B.Eng Mechanical Engineering; MSc Petroleum Production Engineering; and Certified PMP
- Current Job: GM, Operations & Senior Advisor to the CEO

MARTINS AMOS

Smartfield Lead , SPE, CPN, NCS, Shell Nigeria



Martins Amos has over 21 years experience in the Oil and Gas Industry. He has broad experience in IT, Realtime Systems, remote operations capability implementation, digital & technology, production operations support and smart fields implementation. He is Currently the Smartfield Lead in WRFM Systems

RAZAQ SHUAIB

Manager in JV Asset Field Operations, TotalEnergies.



Razaq SHUAIB is an oil and gas engineer with two decades of experience in diverse operational assets ranging from deepwater offshore to conventional offshore and onshore environments.

His expertise cuts across asset operations and maintenance management, project management, business continuity management, production optimization, process digitalisation, IOT and real-time oil & gas asset operational monitoring and control.

Razaq is currently focused on energy transition and renewable energies. Specifically, he is exploring the development of projects and businesses involving fit-for-purpose sustainable energy mix in sub-Saharan Africa.

SAM-ODUMO JOSEPH

Head of Business Demands and Applications, NAOC

Moderator



Joseph Sam-Odumo is a distinguished IT professional with over 15 years of experience, marked by exemplary leadership and expertise in business applications, Oracle, and Microsoft solutions. Hailing from Port Harcourt, Nigeria, Joseph's passion for technology ignited at a young age, leading him to pursue a degree in Computer Science at Rivers State University of Science and Technology, where he graduated with second-class upper honors, excelling in software development and mathematics.

Joseph's professional journey began as an IT Trainer at NIIT, where his exceptional technical acumen propelled him to become a Microsoft Certified Systems Engineer and later, Senior Faculty. Transitioning to Nigerian Agip Oil Company (NAOC), Joseph's career trajectory continued to ascend as he undertook diverse roles encompassing systems engineering, software development, project management, and business analysis. These experiences provided him with invaluable insights into the intricate intersection of IT operations and business dynamics.

Committed to continuous professional growth, Joseph pursued an MBA from the University of South Wales, UK, augmenting his strategic acumen and leadership skills. Currently pursuing a Ph.D. in Information Technology, Joseph showcases his unwavering dedication to advancing knowledge and expertise in his field.

As Assistant Manager, he is the Head of Business Demands and Applications at NAOC, Joseph orchestrates a team of adept professionals tasked with designing and implementing critical business applications. Under his leadership, the team has delivered pioneering solutions that optimize operations and drive business expansion across Eni companies in Africa's sub-Saharan region, earning recognition such as the prestigious "Eni People's Choice Award" in a global Hackathon competition organized by Eni in Italy in July 2019.

Breakout Session Speakers



Wilson (Buduzi) Obeneme

Digitalisation Lead, Shell UK

Topic: Skills Development for Digital Energy Leaders



Osemhen Okenyi

Innovation Manager

Topic: Value Amplification through Digital Investments in the Oil and Gas Industry



Emmanuel Udofia

MD/CEO, Suneses Energy LTD

Topic: Data-Driven Asset Performance Management

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WILSON (BUDUZI) OBENEME

Digitalisation Lead, Shell UK



Wilson Buduzi Obeneme is a professional in the energy sector, specialising in digitalisation and production, boasting nearly a decade of experience. His journey in the industry has been diverse, starting as a research engineer and programmer before transitioning into roles such as production operations engineer and subsequently, pipelines operations and maintenance engineer. Notably, he supervised the maintenance and upkeep of a significant crude oil export line in Nigeria. Presently, he holds a pivotal global position at Shell UK as a Citizen Development Digitalisation Lead, spearheading initiatives to enhance efficiency and facilitate the industry's transition towards sustainable energy solutions using low-code/no-code technologies.

Wilson holds both a Bachelor's and Master's degree in Mechanical Engineering from the University of Port Harcourt. His expertise led him to relocate to the UK under the Global Talent Scheme in digital technology. Beyond his corporate endeavors, Wilson is an entrepreneur with affiliations in the healthtech, energy and software development sectors in Nigeria.

He is certified by Microsoft and Project Management Institute and is a recipient of multiple awards throughout the course of his career.

Recently, Wilson has directed his focus towards empowering individuals to unleash their potential and boost productivity through simple techniques and digital tools, leveraging the power of artificial intelligence. He is also a public speaker, serving as the host of The GrowthPlug Podcast, and the driving force behind The GrowthPlug Newsletter, where he shares insights on career transitions, digitalization, productivity, and professional development.

In his leisure time, Wilson finds joy in spending quality moments with his family, indulging his passion for astronomy, and maintaining an active lifestyle through swimming and exercise.

EMMANUEL UDOFIA

MD/CEO, Suneses Energy LTD



Emmanuel, a multiple international award-winning Petroleum Engineering Consultant with extensive and diversified energy industry experience. He is a renowned authority in Digital Transformation, Production Operations, Management and Hydrocarbon Accounting/Metering Solutions following series of hands-on experiences at; Geoservices, ConocoPhillips, Addax Petroleum, Shell and Heritage Energy. He is the CEO and founding partner of Suneses Energy Limited – a leading Energy Solutions provider.

Emmanuel has authored and presented several technical papers on these subjects at major platforms worldwide and led Society of Petroleum Engineers International webinar. He is author of the book, 'The Digital Leader: Demystifying Leadership in Digital Transformation Era'. Emmanuel has served in numerous Society of Petroleum Engineers committees and facilitated workshops and courses. He is a Registered Engineer, Fellow of The Nigerian Society of Engineers, Fellow of Nigerian Institution of Petroleum Engineers and member of SPE International Digital Energy Technical Section as well as SPE International Production & Facilities Advisory Committee. Emmanuel was the Chairman, 2021 Digital Energy committee at the Society of Petroleum Engineers International Annual Technical Conference & Exhibition held in Dubai – UAE. He holds BEng, MEng, MBA & PhD from Universities in Nigeria, United States of America & The United Kingdom.



OSEMHEN OKENYI Innovation Manager



Osemhen Okenyi, an experienced business program manager boasts a diverse portfolio spanning the energy, logistics, and financial services sectors across Africa and Europe where she has managed and spearheaded operational excellence, process automation and control, digital transformation projects, supply chains and innovation.

With over a decade of work experience in Shell Nigeria and an alumnus of the University of Oxford with an MBA specializing in Innovation Strategy and Digital Transformation, Osemhen's academic background is as robust as her global, professional experiences. These experiences have broadened her understanding of the energy sector's challenges and opportunities and also make her uniquely qualified to bridge the gap between traditional energy paradigms and the future of digital innovation in the oil and gas industry.

Osemhen currently works as an Innovation Manager in Luxembourg and in addition to her MBA holds a BSc. Electrical / Electronics Engineering from the University of Lagos. Beyond her corporate roles, Osemhen co-founded Blazers and Baby, Nigeria's first peer-mentoring community for working mothers, and in partnership with LeanIn.org, co-leads the LeanIn Career Mums global community. She is married and a mother of 3 sons.



Society of Petroleum Engineers
Section 103 Port Harcourt
Young Professionals

2024 YOUNG PROFESSIONAL SYMPOSIUM

Energy Challenge

CALLING ALL INNOVATORS IN THE OIL & GAS INDUSTRY!

Do you have an idea on how to incorporate Digital solutions to problems plaguing the Energy Industry? The energy challenge provides an opportunity for Young Professionals to apply their passion and knowledge to proffer digital solutions to Energy Industry challenges.

Solutions may address the following areas and examples:

- * Exploration and Production (Seismic, Drilling, Reservoir simulation and Management)
- * Operations and Maintenance (Predictive maintenance, Automation, Supply chain, Safety)
- * Data Management (Big Data Analytics, Cloud Computing, Cybersecurity)
- * Environmental Sustainability: CCUS, Renewable Energy

PRIZE

Tekedia Mini-MBA for 1st and 2nd prize (Worth 90k)

Third prize is 30k

CRITERIA FOR SUBMISSION:

- Must be registered for the 2024 YP Symposium
- Digital solution must be feasible to real life problems, the technology should be existing and economical



Entry deadline:

Friday **26th April, 2024**



Registration fee:
NGN 4,000



Register for Energy challenge
<https://bit.ly/SPE-EnergyChallenge>



Register for Symposium
<https://tix.africa/discover/yposymp2024>

Sponsor:



CAGL GLOBAL



**BISMUTH
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NICHOLAS ASIMIEA
YP SYMPOSIUM CHAIRPERSON



Spephc



Society of Petroleum Engineers (Section 103)



Spephc103



SPE Port Harcourt Section



Society of Petroleum Engineers
Section 103 Port Harcourt
Young Professionals

2024 YOUNG PROFESSIONAL SYMPOSIUM

Debate

Debate topic:

Digitalization in the Oil and Gas Industry:

Embracing Efficiency or Endangering Employment.



Debate date:

Saturday **4th May, 2024**

Debate Entry closes:

Friday **26th April, 2024**



Shell Residential Area,

Port Harcourt - Aba Express Way,
Rumuokwurusi, Port Harcourt,
500102, Rivers State

How to Apply

1. Ensure you have registered for the symposium



Registration fee:
NGN 4,000



Register for Symposium
tix.africa/discover/yysymp2024

2. Complete the form using the link below



Register for debate
<https://bit.ly/SPE-debate>

Sponsors:



Exciting prizes to be won

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SECTION CHAIRPERSON

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YP SYMPOSIUM CHAIRPERSON



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Society of Petroleum Engineers (Section 103)



Spephc103



SPE Port Harcourt Section

SHORT COURSES



Tamunomiete Oruambo

Project Deliver Adviser, WRFM,
Shell Nigeria

Topic: Integrated Well, Reservoir,
and Facility Management in the
Energy Sector



Olive Okwunna

Data Engineer / Software developer at
Cyphercrescent Ltd

Topic: Data Analytics for Energy
Industry Insights



Adeyemi Abiodun

Subject Matter Expert of Mechanical
Department / Process Specialist
EnergyTech

Topic: ASPEN HYSYS for Process
Design in the Energy Sector



Carlos Nwabueze

Founder of the Golden Vessels
Network Initiative

Topic: Entrepreneurial Development
for Young Professionals in Energy

TAMUNOMIETE ORUAMBO ('MIETE)

Project Deliver Adviser, WRFM, Shell Nigeria



Tamunomiete Oruambo ('Miete) is an energy professional with a blend of training and experiences in petroleum engineering, geosciences and human resource management with Shell Nigeria and has been with the company since 2015.

Miete has a background in physics from Rivers State University and an MSc in exploration geophysics from The University of Leeds, UK. His professional experience spans across the end to end value chain for Wells, Reservoir and Facility Management (WRFM) – ranging from reservoir management and front-end design for production restoration & optimization, to integrated execution planning and operations management, all geared towards maximizing asset value. Miete has a passion for continuous improvement and technical excellence and currently works as a Project Delivery Adviser for WRFM in Shell Nigeria.

Outside of work, Miete likes to unwind with interesting TV series/movies, occasionally watch football and also enjoys competitive games. He is happily married to Mrs. Victoria Tamunomiete

OLIVE OKWUNNA

Data Engineer / Software developer at Cyphercrescent Ltd



Okwunna Olive- Okafor is a data driven software engineer and analyst specializing in cost reduction, process improvement, and sustainability across various sectors. He leverages machine learning and AI to optimize decision-making within the oil and gas industry and other digitally enables environments.

ADEYEMI ABIODUN

Subject Matter Expert of Mechanical Department / Process Specialist EnergyTech



A Positive and industrious Process Engineer with relevant years of professional working experience in the drafting, design, facility improvement and optimization, troubleshooting, management of change process and supervision of different types of engineering projects (construction, installation, fabrication, inspections) in Oil & Gas. Knowledge in planning, executing, and monitoring of field engineering tasks, technical reviews of installation procedures, documentation, and interfacing with clients, management, vendors, and fabricators. Comprehensive knowledge of Drafting, modeling (AutoCAD, Plant 3D, and Aveva PDMS/E3D), and Process Simulation (Aspen Hysys) in line with the applicable codes and Standards (API, ISO EN, NORSOK, ASME, etc.). Good knowledge of project management tools (Primavera P6 & Microsoft Project) and As-Built Documentation and cognate experience in supervision of fabrication projects.

AUTODESK AutoCAD Certified, AVEVA PDMS Professionally Certified Design Engineer, AspenTech Expert Certified (Hysys, Optiplant, CCS, Shell and Tube Heat Exchanger), Aramco Train the PMP Certified.

CARLOS NWABUEZE

Founder of the Golden Vessels Network Initiative



He is the founder of the Golden Vessels Network Initiative, a leadership development community organization with the mission to provide the right knowledge and environment for self realization and purpose fulfillment.

He is also the Host of The Transformation Podcast, where he shares tips and insights in business, personal development, leadership and marketing.

He is the Founder of Link Speed Global Solutions, a customer centric brand with Subsidiaries in the rentals, education and marketing industry.

Carlos is passionate about increasing the ripple effect of virtues over vices in society through thought leadership in personal effectiveness

ORGANIZING COMMITTEE



NICHOLAS ASIMIEA
SYMPOSIUM CHAIR



CHIAMAKA NNOZUBA
ASS. SYMPOSIUM CHAIR



JUSTICE VIDIGIOR
YP CHAIR &
SPONSORSHIP LEAD



EMMANUELLA AGBO
YP CO-CHAIR AND
SPONSORSHIP TEAM



NWAMAKA IGBOANUSI
PUBLICITY ADVISOR



EMMANUEL ADERIBIGBE
ENERGY CHALLENGE
TEAM LEAD



DEBORAH YEEZOR
PROGRAMS TEAM LEAD



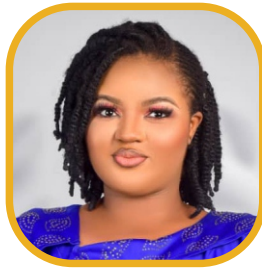
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ADVISOR



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PUBLICITY TEAM



PRECIOUS VINCENT
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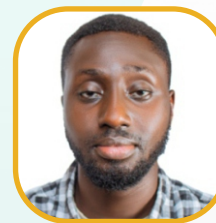
DANIEL EKEKE
PROGRAMS ADVISOR



EBUBE ORISA
DEBATE TEAM LEAD



ANIEKEME EDET
PROGRAMS TEAM



ADAM ANDREW
PUBLICITY TEAM LEAD



SIMEON A. OGHENEDE
SPE SECRETARIATE STAFF/
TECHNICAL SUPPORT