

#WeAreSPE

Solutions
People
EnergySM



SPE Uganda Section Annual RoundUp

2024



Society of Petroleum Engineers
Uganda Section

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Solutions.
People.
Energy.™

OUR MISSION:

To connect a global community of engineers, scientists, and related energy professionals to exchange knowledge, innovate, and advance their technical and professional competence regarding the exploration, development, and production of oil and gas and related energy resources to achieve a safe, secure, and sustainable energy future.

OUR VISION:

SPE advances the ability of oil and gas producing and related energy communities to meet the world's energy needs in a safe, secure, and sustainable manner.

OUR VALUES

Excellence
Integrity
Innovation
Member Focus
Collaboration
Sustainability

Contact Us:



Society of Petroleum Engineers – Uganda



Society of Petroleum Engineers – Uganda



@SpeUganda



SPE Uganda Section



<https://connect.spe.org/uganda>



speugandasection@gmail.com

About SPE

The Society of Petroleum Engineers (SPE) is a global, not-for-profit professional association representing over 127,000 members across 145 countries. Its members are actively engaged in the exploration, development, and production of oil, gas, and related energy resources.

Established in 1957, SPE has been committed to delivering unparalleled insights, fostering the exchange of expertise, and promoting lifelong learning. Building a strong professional community empowers its members to succeed and contribute to the future of the energy industry.

SPE is a leading technical and professional resource, offering diverse opportunities to share knowledge through in-person and virtual [events](#), specialized training programs, publications ([OnePetro](#) and [PetroWiki](#)), and member-focused initiatives. SPE's geographical sections are strategically located worldwide, providing a localized framework for the society's core activities.

These Sections operate as semi-autonomous, self-governing units within the broader framework of SPE policies, enabling them to address regional needs while upholding the organization's global standards.

About SPE Uganda Section

The SPE Uganda Section, a subsidiary of SPE International, serves as a premier platform for knowledge exchange, networking, and professional development for individuals involved in Uganda's petroleum and energy sectors. It is dedicated to fostering technical innovation, advancing industry expertise, and promoting best practices in oil and gas exploration, development, production, and environmental stewardship.

Established in **2011**, SPE Uganda Section organizes conferences, workshops, and technical sessions tailored to the challenges and opportunities in Uganda's growing oil and gas industry. It also engages in community outreach and capacity-building programs, providing resources and support for students and young professionals. By connecting industry professionals, academia, and government stakeholders, SPE Uganda Section plays a pivotal role in advancing Uganda's energy sector.



How to Join SPE

Why Join SPE?

Apart from the benefits listed below, joining SPE gives one access to the largest community of global energy professionals, technical knowledge and research, specialized training and certification, cutting-edge software and tools, global technical conferences and workshops, and a lot more.

Student Membership

Eligibility:

- You must be enrolled in a university or college pursuing a degree in petroleum engineering, geosciences, or another energy-related field.

Application Process:

- Online Registration: Visit the [SPE Student Membership page](#).
- Create an Account: Provide your details, including name, email, and academic information.
- Academic Verification: You may need to upload proof of enrollment, such as a student ID or enrollment letter.
- Select Membership Type: Choose the 'Student Membership' option.
- Payment: SPE student chapters are offered free Chevron sponsorship.

Benefits:

- Access to SPE's technical resources, including journals and papers.
- Opportunities to attend conferences, workshops, and seminars at discounted rates.
- Networking with industry professionals and peers.
- Eligibility for scholarships and awards.
- A certificate and membership ID

Professional Membership

Eligibility:

- Open to all individuals working in or interested in the oil and gas industry, including engineers, geoscientists, managers, academia, and other related fields.

Application Process:

- Online Registration: Navigate to the [SPE Professional Membership page](#).
- Create an Account: Enter your personal and professional details, including employment history and areas of expertise.
- Select Membership Type: Choose the 'Professional Membership' option.
- Payment: Professional membership requires an annual fee, which varies by region. Refer to the SPE website for the exact amount applicable to your location.

Benefits:

- Unlimited access to SPE's extensive technical library.
- Discounts on conferences, training courses, and publications.
- Opportunities for professional development and certification.
- Access to SPE Connect, an exclusive platform for networking with other professionals.
- A certificate and membership ID



A Message from the Section Chairperson

Dear Members and Friends,

In bidding farewell to 2024 and welcoming 2025, I am delighted to reflect on the remarkable achievements of SPE Uganda. Our community has come together to share knowledge, network, and drive growth in the oil and gas industry.

This year, we had the privilege of hosting and participating in several notable events. We organized **technical workshops** and lectures on topics such as enhanced oil recovery, well-completion, and stimulation, featuring renowned speakers from the industry. Additionally, our **mentorship program** has continued to thrive, providing young professionals with guidance and support in their careers. Our local chapters also engaged in **community outreach initiatives**, promoting STEM education and career development through our various arms such as SPE Cares.

In March, we were honored to host Ms. Effiom Oghogho, the SPE **Africa Regional Director** (ARD) emeritus, who not only shared valuable insights on the future of the oil and gas industry in Africa at SASTCE2024 but also visited the Tilenga and Kingfisher projects. In November, we again welcomed Dr. Riverson Oppong the new ARD, with whom we conducted high-powered, multi-sectoral company visits to the Executive Directors, CEOs, and top management of various companies, such as the PAU, TEPU, CUL, and UNOC.

One of the most significant developments this year has been our rebranding effort, where we redefined our tagline to SPE – “Solutions People Energy”. This new tagline reflects our commitment to providing innovative solutions to the energy challenges facing our industry, while also emphasizing the importance of people and community in driving our success. Our new brand identity is built around the idea that energy is not just a commodity, but a catalyst for economic growth, social development, and environmental sustainability.

Key statistics from this year include:

- More than 10 technical workshops or distinguished lectures were organized, with a total of 1000+ participants, which boosted the technical expertise of our members; with speakers from all over the world. Furthermore, we held over 3 networking events including townhalls and a creative Art Therapy Session, which promoted inter-company exchange and collaboration.
- Over 50 senior mentors and 450+ early-career mentees participating in our highly successful **SPE mentorship program** that was launched in November 2024 and is still ongoing.
- More than **3 SPE Cares community outreach initiatives** from our local university chapters, reached over 1,000 community members and secondary school students.
- A 79% retention rate of our membership, with a total of 240+ professional members now part of our community. This is the highest number of members in our history.

As we look to the new year, we are excited to announce an even more ambitious program of events and activities, all centered around our new tagline and brand identity. We will continue to focus on providing our members with opportunities for professional development, networking, and community engagement, while also driving innovation and solutions in the energy sector.

I would like to extend my gratitude to our members, partners, and sponsors for their support and participation throughout the year. Your contributions have been invaluable, and we look forward to continuing to work together in the years to come. On behalf of the SPE Uganda Board, I wish you all a happy, prosperous, and successful new year. Let us continue to work together to promote the development of the oil and gas industry in Uganda and support the growth and development of our members, as we embody the spirit of SPE – “Solutions People Energy”.

Sayonara 2024 and Happy New Year 2025!

Gideon Kibirige
Chairperson, SPE Uganda



SPE Uganda Section team with the Board of Directors at the Handover Ceremony.

SPE UGANDA SECTION BOARD OF DIRECTORS



Abed Tumutungire
Uganda National Oil
Company



Roland Ndombi
SLB Uganda



Kato Obadiah Anthony
Petroleum Authority
of Uganda



Joan Namukasa
Petroleum Authority
of Uganda



Gilbert Omitta
TotalEnergies E&P
Uganda



John Bosco Aliganyira
Uganda National
Oil Company



Brenda Amanda
TotalEnergies E&P
Uganda

SPE UGANDA SECTION EXECUTIVE COMMITTEE



Gideon Kibirige
Chairperson
TotalEnergies E&P Uganda



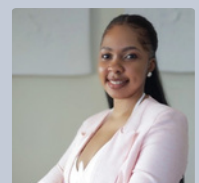
Nabyonga Carolyn
Secretary
SLB Uganda



Irumba Crispus
Public Relations Officer
TotalEnergies E&P Uganda



Joel Byaruhanga
Treasurer
Petroleum Authority of Uganda



Anitah Badagawa
Programs Chairperson
Petroleum Authority of Uganda



Priscilla Nalubega
Membership Chairperson
Exlog



Lucy Kaahwa
Mentorship Chairperson
SLB Uganda



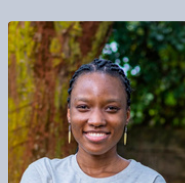
Idah Nandyose
Mentorship Chairperson
SLB Uganda



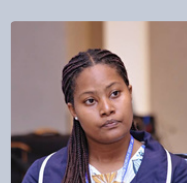
Kirunda Andrew
Young Professionals
Representative
CNOOC Uganda Ltd



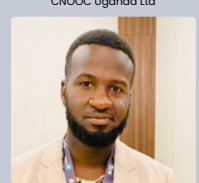
Kasakya Elizefani
Mentorship Chairperson
Ecopearl Engineering & Geoscience
Services Ltd



Hannah Talinda Kasule
Webmaster
SLB Uganda



Macklyn Agaba
Student Liason Officer
CNOOC Uganda Ltd

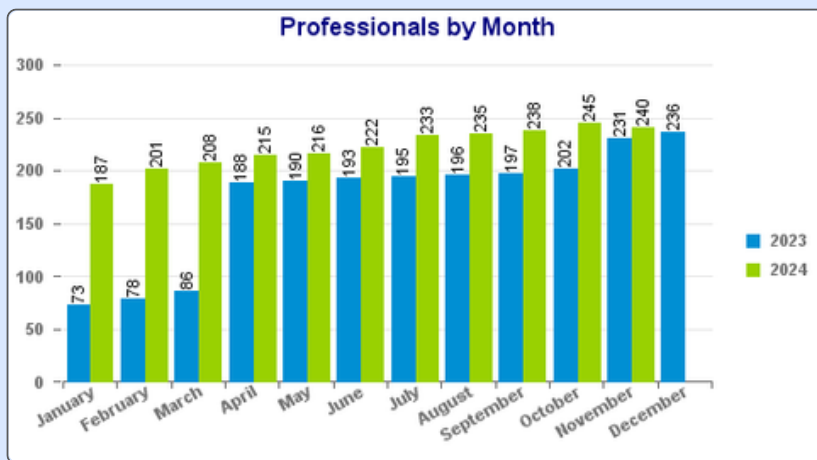


Victor Mugambe
Student Chapter Liason
Mbarara University of Science
and Technology

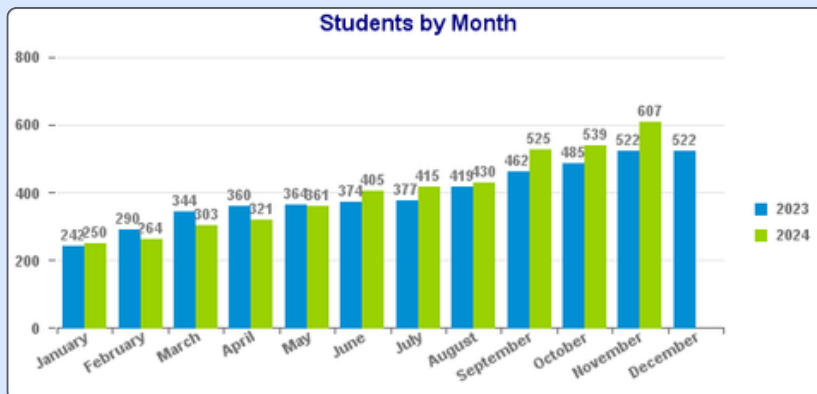


Membership

SPE Uganda Section has two membership categories: student members and professional members. The number of its members has grown over the past years. With current trends, the number of student and professional members increased from 2023 to 2024 and is projected to increase with the rise of activity in the country's oil and gas industry. This will be accompanied by various activities and initiatives to engage and support young professionals throughout the industry.



The graph shows professional membership growth by month compared between years 2023 and 2024



The graph shows student membership growth by month compared between years 2023 and 2024

SPE Uganda in Numbers

6

Number of Student Chapters

89

New Members in 2024

847

Total number of active members in 2024

Professional Members		
	Year End of 2024	Year End of 2023
Members	240	236
Affiliated Members	1	1
Retention	79.13%	79.50%
New Member Retention	78.05%	78.43%

Student Members		
	End of Year 2024	End of Year 2023
Members	607	522
Student to Professional Conversion	27.62%	33.82%

Events Organized by Uganda Section

SPEI DELEGATION VISIT TO UGANDA

On March 21, 2024, a delegation from the Society of Petroleum Engineers International (SPEI) visited Uganda to promote collaboration and knowledge exchange in the energy sector. The delegation was led by Ms. Oghogho Effiom, SPE Africa Regional Director, and included Mr. Moyosore Olaoluwa Davies, SPE Regional Activities Manager for Europe and Africa, Dr. Riverson Oppong, SPE Ghana Section Director, and Ms. Samantha Vanessa Armstrong, SPE Member Programmes Senior Manager.



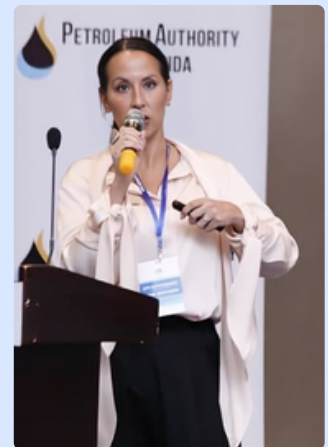
Ms. Oghogho Effiom
Former SPE Africa Regional
Director



Mr. Moyosore Olaoluwa Davies
SPE Regional Activities Manager
for Europe and Africa



Dr. Riverson Oppong
Former SPE Ghana Section
Director



**Ms. Samantha Vanessa
Armstrong** – SPE Member
Programmes Senior Manager.

The delegation's visit included various activities to strengthen ties between SPE and Uganda's petroleum industry, such as the SPE Annual Student Technical Conference and Exhibition (SASTCE 2024), a trip to the oil and gas projects in the Albertine Graben, discussions with the CEO (Ms. Proscovia Nabbanja) and the leadership of the Uganda National Oil Company, and the SPE Networking Forum. It began with an elegant dinner where SPE Uganda Section Board members welcomed the guests.



SPE Uganda Section Leadership Team meeting with the SPEI delegates upon their arrival in Uganda.

SPE Annual Student Technical Conference and Exhibition (SASTCE) 2024

The SASTCE 2024, held at Makerere University, was themed **"Transformative Synergy with Advancing Technologies."** The event brought together a diverse audience, including students from across Africa, representatives from over ten universities, as well as professionals and academicians in the petroleum and geology sectors, to engage in discussions on advancements and innovations in the field.

The event featured paper presentations, exhibitions, networking opportunities, and knowledge-sharing panels from experienced professionals from TotalEnergies E&P Uganda Limited, CNOOC Uganda, SLB, UNOC, Petroleum Authority of Uganda, Ministry of Energy and Mineral Development (MEMD), Uganda Chamber of Mines and Petroleum, G&G Skills, Barrel Magazine, GSU, Aldelia, and other sector players. Most importantly the event featured and hosted the SPE Africa Regional Paper Contest and the National and Regional SPE PetroBowl competition.

National PetroBowl Competitions and Regional Competitions

The PetroBowl® competition is an annual quiz event where SPE student chapter teams compete in quick-fire rounds, answering both technical and non-technical industry-related questions. Since its debut in 2002, it has grown significantly in size and popularity, becoming a global event with regional qualifiers introduced in 2015.

The SASTCE 2024 witnessed enthusiastic participation from over eight universities in the regional and national PetroBowl competitions. In the national finals, the SPE Mbarara University Chapter triumphed over the SPE UPIK University Chapter, successfully defending their title as reigning champions. They advanced to represent Uganda in the regional qualifiers, where they competed fiercely and emerged as finalists alongside SPE Kenyatta University. Ultimately, they clinched victory, earning the honor of representing Africa in the PetroBowl International competition.

The PetroBowl International Competition takes place at the Annual Technical Conference and Exhibition (ATCE) in the USA annually.



Alexander Ifenaike from the University of Ibadan, Nigeria the winner of the SPE Africa Regional Paper Contest being awarded by former ARD



Winners of the Exhibition on the SASTCE 2024 from Kyambogo University



Africa Region Paper Contestant presenting.



The winners of the National and regional Petrobowl Competitions, Mbarara University of Science and Technology, flagged off for International Competitions

Unfortunately, due to limited funds at the time, the triumphant team of the SPE Student Chapter of Mbarara University of Science and Technology did not travel to the PetroBowl International Competition.

The SPE Africa Region Student Paper Contest

The SPE Student Paper Contest (SPC) is a premier competition designed to showcase the technical expertise of students at the undergraduate, master's, and PhD levels. Coordinated across 14 regions, students present their sole-authored technical papers, which are reviewed by a panel of judges through presentations and Q&A sessions.

The most innovative and well-researched papers from regional contests advance to the International Student Paper Contest. The contest is governed by the Young Member Engagement Committee (YMEC), which reports to the SPE International Board of Directors. For the first time, Uganda hosted the SPE Africa Region Student Paper Contest, and the winner was Alexander Ifenaike from the University of Ibadan, Nigeria, who was awarded by the Regional Director.

Exhibitions by Different Universities

The exhibitions showcased the creative minds of university students in Uganda through innovative solutions to pressing issues. Kyambogo University received accolades for the best exhibition, presenting a new technology designed to test water purity, which can be integrated into various industries.



Students exhibiting projects at the SASTCE 2024, The event aims at showcasing students' innovation in oil and gas, and energy sector at large



SPE Nkumba University Chapter also exhibiting their project at the SASTCE2024. SPE Uganda section supports and encourages innovation and creative thinking through these initiatives.

Tour to the Albertine Grabben

The second activity for the delegation was a comprehensive tour of the Albertine region, known for its growing petroleum activities, from 23rd to 24th March 2024, accompanied by representatives from the Petroleum Authority of Uganda (PAU). The tour aimed to showcase the progress of Uganda's oil and gas projects and their coexistence with communities and wildlife.

On 23rd March 2024, the delegation visited the Kingfisher Development Area (KFDA) in Kikuube district, including Well Pad 3, the Buhuka Gravity Water Scheme, and the resettlement housing project. The delegates encouraged the PAU team to promote positive publications about the projects, highlighting community proximity, economic activities like the World Bank market in KFDA, and the reduction in footprint (30 well slots on a single pad).

The tour facilitated an immersive learning experience, enabling the delegates to glean valuable insights into Uganda's petroleum landscape while appreciating its socio-economic implications. The delegates got to witness firsthand the coexistence of the oil and gas industry with the community and within the national park, which is unique to the oil and gas projects in Uganda.

The Kingfisher Development Area (KFDA) is Licensed to CNOOC Ug. Ltd and the Tilenga Area is Licensed to TotalEnergies E&P Ug. Ltd. The oil fields under the Tilenga project have a combined volume of oil in place of 5.8 billion barrels of oil (Bbbls) with recoverable resources estimated at 874MMbbls. And KFDA has 568MMbbls in place with recoverable resources estimated at 186MMbbls.

They also appreciated the extension of safe water to the KFDA communities near Lake Albert and the tremendous progress in Uganda's oil and gas sector, but they also committed to continuing to support the sector developments.



Officials, and delegates from SPEI at the CNOOC rig in Kikuube District



Delegates at the Kingfisher Development Area (KFDA), being briefed by the CNOOC team on the progress of the activities so far.



Delegates at the Buhuka Gravity Drainage Water Scheme



SPE NETWORKING FORUM

The SPE Networking Forum 2024, held at Four Points by Sheraton, Kampala, was attended by industry professionals, government officials, and academic leaders.

The forum served as a hub for knowledge sharing, professional networking, and strategic dialogue. It featured technical presentations, panel discussions, networking opportunities, and an awards and recognition session.

Mr. Kato Obadijah Anthony, the former Chairperson of the SPE Uganda Section highlighted that Uganda, as a young entrant in the sector, is in a strategic position to learn and implement efficient exploitation of its petroleum resources for the country's benefit based on lessons from countries whose sector has matured over time. He further stated that Uganda's petroleum industry will require professional individuals with robust competence in various technical disciplines to develop innovative solutions and demonstrate exceptional leadership capabilities to ensure that the energy needs of the country are met.

The forum featured a keynote address by Mr. Philips Obita, Chief Operating Officer of Upstream at the Uganda National Oil Company (UNOC). He discussed Uganda's global energy demand, future energy systems, the drive to decarbonize oil and gas projects, and strategies for SPE and the industry to meet Uganda's energy needs.

Mr. Moyosore Olaoluwa Davies discussed SPE's contributions to the energy industry in Africa and globally, highlighting benefits for both professional and student members. He encouraged members to maximize these benefits to enhance their competence in the oil and gas sector.



Mr. Phillip Obita delivering a speech on how to modernize and develop Uganda's Energy sector.



The panel that discussed the aspect related to Work-life Balance in a Fast Paced Environment.



The Panel that discussed the aspect related to the Role of SPE in supporting the sustainable development of Uganda's Petroleum Industry

Dr. Riverson Oppong spoke on using SPE as a career advancement tool, sharing his journey and emphasizing the importance of active participation and volunteering. He highlighted resources such as Petroleum Engineering Certifications, OnePetro access, Distinguished Lectures, workshops, networking opportunities, and mentorship programs.

Ms. Samantha Vanessa Armstrong focused on the future of member programs for SPE professionals, detailing recent changes in SPE International and the benefits available to members.

During the Networking Forum, several awards were given:

- Mr. Ernest Rubondo, Mr. Kabanda Fred, and Mr. Kawule Wycliff: Recognized for being the longest-serving SPE members of the section.
- Institutional Award: Presented to the Petroleum Authority of Uganda for having the highest number of members in the country.
- SPE Mbarara University of Science and Technology (MUST) Chapter: Honored for representing Uganda internationally in the PetroBowl and International Petroleum Technology Conference.

The forum also featured presentations from students of the SPE Student Chapter of Mbarara University of Science and Technology, sharing their experiences from the IPTC in Dhahran, Saudi Arabia.

The presentation materials showcased at the event are available for active members on the SPE Uganda Section website.



Professionals attending one of the sessions at the Forum



The section Director and ARD with the students that attended the Forum



Mr. Kawule Wycliff, the Faculty Advisor for Makerere University Chapter was awarded for being the longest serving member of the Section. It was received, on his behalf, by Mr. Irumba Crispus



Mr. Ernest Rubondo, the Executive Director of the Petroleum Authority of Uganda received an individual award for being one of the longest-serving professional members. (over 15 years) Mr. Kato Obadijah Anthony received the award on his behalf. Awarded by the Ms. Effiom and Mr. Phillips Obita



SPE Art Therapy Networking Event

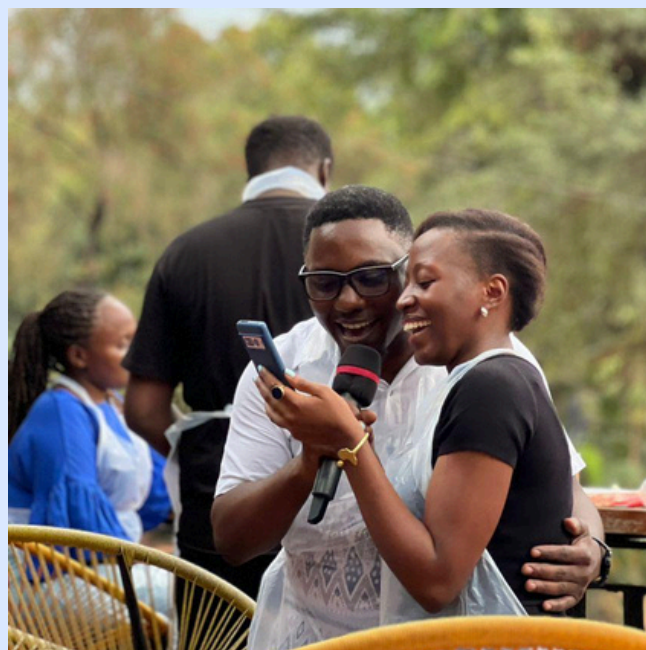
The SPE Uganda Section recently held its inaugural Art Therapy Networking Event, a unique initiative that blended art therapy with professional networking. This innovative event provided participants with a relaxed and creative environment, offering a much-needed respite from the demands of the oil and gas industry. Attendees had the opportunity to unwind, explore their creativity, and foster meaningful professional connections in a non-traditional setting.

The event attracted professionals from high-pressure roles within the energy sector, who appreciated the chance to engage in artistic expression while building new relationships. The integration of art therapy and networking proved to be an effective way to break down barriers, encourage open dialogue, and promote mindfulness and relaxation.

By organizing this event, the SPE Uganda Section underscored its commitment to both professional growth and the holistic well-being of its members. The initiative highlighted the importance of mental wellness and self-care in fostering a healthy, balanced, and productive workplace culture.



SPE professionals in a guided painting session



Section Chairperson enjoying a fun karaoke session at the Networking Event



Africa Regional Director Visit to Uganda Dr. Riverson Oppong

The newly appointed SPE Africa Regional Director, Dr. Riverson Oppong, embarked on a visit to Uganda to engage with Section Officers, Government Officials, Energy Sector Stakeholders, and a diverse network of professionals to explore opportunities to harness the region's immense potential and showcase Africa's capacity to lead on the global energy stage.

This initiative aligned with our shared vision of strengthening bonds within the SPE African community, driving sustainable energy solutions, and amplifying the visibility of our continent's vast resources and talents. It was a chance to exchange ideas and spotlight the rapid growth and promising future of the energy sectors across these nations.

Arrival and Welcome

Dr. Riverson Oppong, accompanied by Dr. Victor Ekpenyong, CEO at Kenyon International arrived in Kampala on 25th to 28th November 2024 and was warmly welcomed by Representatives of the SPE Uganda Section leadership team.

Courtesy Meetings

Alongside the SPE Uganda Section Leadership team, Dr. Oppong discussed with senior officials focusing on collaborative excellence, local content development, and sustainability in the oil and gas sector. The objectives of these meetings included:

- Establishing rapport and building relationships
- Presenting SPE Uganda initiatives aligned with national energy goals
- Exploring strategic collaboration opportunities
- Addressing challenges and solutions
- Discussing future engagements and follow-up actions

These meetings marked a significant step towards strengthening our partnerships and advancing the oil and gas industry in Uganda and Africa.



ARD (Right) with the Executive Director of the Petroleum Authority of Uganda (PAU), Mr. Ernest Rubondo (Left)



Dr. Riverson Oppong with the SPE Uganda Section team after the Uganda Oil and Gas Summit



ARD with the chairperson of SPE Uganda Section Mr. Gideon Kibirige

Key Meetings and Discussions

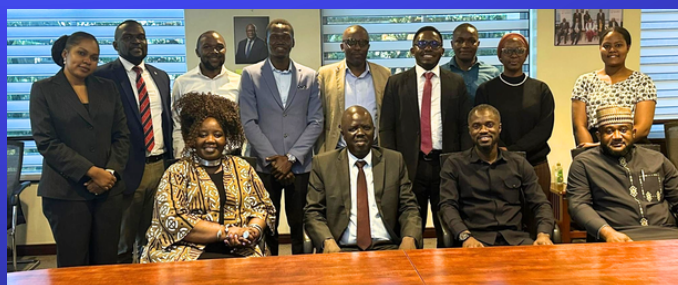
- **Petroleum Authority of Uganda:** Mr. Ernest Rubondo, Executive Director discussed strategic partnerships and collaboration opportunities for SPE and stakeholders in Uganda's oil and gas industry. Mr. Rubondo emphasized that since Uganda's oil and gas industry is in its development stage, it is crucial to leverage expert knowledge through SPE international collaborations, given their access to industry experts.
- **CNOOC International Uganda Ltd:** Mr. Hu Weijie, the Vice President explored mutual interests and potential areas for HR collaboration, particularly in our mentorship program. Mr. Hu was impressed by our mentorship program and pledged continued support for SPE activities, including providing space for SPE events and paying for company employees' SPE subscriptions.
- **Uganda National Oil Company Limited (UNOC):** Mr. Philips Obita, the General Manager of Upstream discussed new strategies to strengthen SPE's outreach and presence among industry professionals. The conversation focused on strategic partnerships, collaboration opportunities, and initiatives to support the growth of the oil and gas industry in Uganda and Africa.
- **TotalEnergies EP Uganda:** Mr. Philippe Groueix, General Manager discussed strategic partnerships, collaboration opportunities, and support for the growth of the oil and gas industry in Uganda and Africa. Mr. Groueix welcomed the idea of introducing a new tagline for SPE: "Solutions People Energy." He pledged TotalEnergies EP Uganda's support for SPE events and encouraged company members, especially young engineers, to subscribe to SPE and benefit from mentorship programs. He also confirmed that TotalEnergies senior professionals would continue to support technical knowledge sharing through professional lectures and other SPE activities.



ARD Courtesy Visit to the Petroleum Authority of Uganda



ARD Courtesy Visit to CNOOC Uganda Limited



ARD Courtesy Visit to the Uganda National Oil Company



ARD Courtesy Visit to TotalEnergies EP Uganda Limited



Shaping the Future of Oil and Gas in Uganda: A Townhall Discussion

On 27th November 2024, the SPE Uganda Section hosted its second Professional Townhall, bringing together industry experts and young professionals to discuss the future of oil and gas in Uganda. The event, held at CNOOC Uganda Limited's head offices, provided a platform for stakeholders to share insights, exchange ideas, and explore opportunities for growth and development.

The townhall discussion centered around SPE's role in shaping the future of the oil and gas industry in Uganda. Participants delved into topics such as the current state of the industry, emerging trends, and the challenges and opportunities that lie ahead.

One of the highlights of the event was a keynote address by Dr. Riverson Oppong, the SPE Africa Regional Director, who shared his insights on the importance of being a member of a professional organization like SPE. Dr. Oppong also shared his journey to becoming an industry leader, which he attributed to his involvement with SPE. His testimony served as a powerful reminder of the impact that SPE can have on one's career and personal growth.

The event attracted over 90 professional delegates, including current and former leaders of the SPE Uganda Section, such as Roland Ndombi from SLB, Geoffrey Angudubo from Geocon Engineering, and Hans Peter Christophersen. It also saw strong participation from young professionals representing international oil companies, national oil companies, and service providers operating in Uganda.

SPE Uganda would like to extend its gratitude to CNOOC Uganda Limited for hosting the event. As we look to the future, we are excited to continue playing a leading role in shaping the future of the oil and gas industry in Uganda.



The SPE Uganda Section Leadership Team with the participants at the Townhall Event.



Participants at the Townhall meeting held at CNOOC Uganda Limited



The SPE Uganda Section Leadership Team with Special Guests at the Townhall Event.



Students awarded for their participation in the National PetroBowl Competition 2024

Events Where SPE Uganda Participated



International Petroleum Technology Conference (IPTC) 2024

The scope of the IPTC program and associated industry activities addresses technology and relevant industry issues that challenge specialists and management worldwide. IPTC focuses on disseminating new and current technology, best practices, and multidisciplinary activities designed to emphasize the importance of the value chain and maximizing asset value.



Parvin Kyohirwe, Victor Mugambe and Fosca Tumuhaise, with their awards and other delegates.

Every year, SPE sponsors students from around the world to attend this prestigious conference. In 2024, we were represented by three students from Mbarara University of Science and Technology: Mugambe Victor, Fosca Tumuhaise, and Parvin Kyohire, in Saudi Arabia. They connected with industry leaders, formed meaningful connections with students globally, and acquired a wealth of knowledge from insightful discussions with experts. They also represented the country well, with Mugambe Victor being named Best Rising Star and Parvin Kyohire being named 1st runner-up in the SLB Challenge. Likewise, Fosca Tumuhaise received the Best Presenter award.



Celebrating a Decade of Empowering Ugandan Youth through Education



The SPE Uganda Section participated in the TotalEnergies Celebration of 10 years of CSR Scholarship, benefiting over 327 scholars. Anita Badagawa, the Program Chairperson of the SPE Uganda Section, participated in the panel session which discussed the role of STEM education in advancing the energy industry. She highlighted how the Society of Petroleum Engineers (SPE) is advancing technical knowledge in various STEM disciplines, including geology, geosciences, well completions, data science, digital technologies, and biodiversity.



Anita Badagawa on a pannel discussing at the event on behalf SPE Uganda.

Anita encouraged stakeholders to continue supporting initiatives that promote STEM education and empower Ugandan youth to become leaders in the energy industry. She also congratulated TotalEnergies on this milestone achievement.

Events where SPE Uganda Participated



The team from SPE Uganda Section that represented in the debates

SPE Africa Young Professionals Inter-Sections Debate

Every year, the SPE Africa Region holds the SPE Africa Young Professionals Inter-Sections Debate, where young professionals from different sections across Africa come together to debate and foster knowledge exchange.

For the first time, SPE Uganda Young Professionals (YPs), led by Mr. Andrew Kirunda, participated in the SPE Annual Young Professionals Inter-Section Debate. We emerged as 1st runners-up after being narrowly defeated by the defending champions, SPE Ghana Section, by only 2 points. This was a significant achievement for us, especially as it was our first time participating.



Ms. Anita Badagawa the programs chairperson speaking at the MPGS Dinner

Makerere University Petroleum and Geology (MPGS) Dinner

The MPGS Dinner is an annual event organized by the Makerere University Petroleum and Geology Society. It aims to strengthen the bond between professionals and final-year students of Makerere University, preparing them for the oil and gas industry.

Last year, we participated and were represented by Ms. Anita Badagawa and Mutabaazi Julius, who shared career guidance opportunities with the soon-to-be graduates and encouraged them to remain resilient in the world after graduation.



The team from SPE Uganda Section at the Oil and Gas Skills Expo

The 2nd Oil and Gas Skills Expo

Petroleum Authority of Uganda (PAU), Kyambogo University, and the Oil and Gas Trainer's Association of Uganda (OGTAU) organized the second Oil and Gas Skills Expo on 22-23rd August 2024, building on the success of 2023's inaugural event. The Expo, held at Kyambogo University's CTF Grounds, aimed to bridge the gap between the oil and gas industry's demands and the skill sets available among the workforce, particularly students and recent graduates.

Theme: **"Training and Skilling: Unlocking Employment Opportunities in the Oil and Gas Sector and Beyond."**

Distinguished Lectures

The SPE Distinguished Lecture Program, held annually, brings exceptional speakers to section meetings and honors the valuable contributions of Distinguished Lecturers. This program aligns with SPE's mission to connect a global community of energy professionals, fostering knowledge exchange, innovation, and technical excellence in oil and gas exploration, development, and production.

For the SPE Uganda Section, this program represents a significant opportunity for professionals to convene in person, exchange ideas, and share insights. It reinforces the importance of collaboration and continued learning in advancing the energy sector within the region.

The SPE Uganda Section held two (2) Distinguished Lectures in 2024 as described below.



During the Lecture, professionals show a spirit of continual learning as a path to growth



After the lecture, Dr. Esuru and a team of SPE committee members went to enjoy some of Uganda's beauty of African Dances and folk music

How Oil and Gas Competencies are Shaping Low-Carbon Technologies

***By Dr. Rita Esuru Okoroafor
Texas A&M University***

This lecture, delivered by Dr. Rita Esuru Okoroafor from Texas A&M University on 10th June 2024, focused on the relevance of low-carbon energy technologies, including renewable energy resources, carbon capture utilization and storage (CCUS), hydrogen, and fuel cells. Dr. Okoroafor was warmly welcomed to Uganda with a meet and greet at Four Points by Sheraton on June 8, followed by a visit to Ndere Cultural Centre on June 9.

Over 100 professionals attended the event at Golden Tulip Hotel, which was also streamed online. She emphasized the importance of oil and gas skills in the evolving energy mix, including geological energy storage, CCUS, and methane emissions reduction. The lecture provided an opportunity for professionals to share knowledge and ideas on the industry's contribution to the evolving energy sector.

[Find the presentation and video here](#)



Taking Drilling Geomechanics to the Digital World and the Dynamic Drilling Environment

By: Hussain I. AlBahrani, Ph.D

This lecture, delivered on 19th February 2024 by Hussain I. AlBahrani, Ph.D., a researcher at Saudi Aramco, shared groundbreaking research on the application of machine learning models (ANN and tree-based models) to assess wellbore damage. He discussed the innovative use of shale shakers equipped with cameras to capture vital data like size, color, and quantity of solid cuttings, which can infer the formation being drilled through. This technology has the potential to revolutionize industry practices. The lecture was held at Hotel Africana with over 80 professional participants, who engaged in discussions and knowledge sharing.



SPE Uganda members attending Dr. Hussain's lecture at Hotel Africana

[Find Presentation and Video Here](#)

Professional Lectures and Online Webinars

In instances where the SPE Uganda section is unable to organize physical lectures for technical knowledge sharing, we organize online professional lectures and webinars where presenters are able to technically present online and attendees get the opportunity and chance to interact and ask questions. These sessions are usually favorable to most attendees since they provide an opportunity for people to attend from anywhere.



Society of Petroleum Engineers Uganda Section
Presents
A Professional Lecture

Insights on Preparing Technical Papers for the Upcoming
2024 SPE Annual Technical Conference and Exhibition



Date: 6th February 2024

Time: 6pm E.A.T

Live On 

Eng. Gilbert Omitta
Senior Drilling Engineer
TotalEnergies E&P Uganda

Insights on preparing Technical papers for the upcoming Annual Technical Conference and Exhibition (ATCE)

By: Mr. Gilbert Omitta

The lecture was conducted online via Zoom on 6th January 2024 and was presented by Mr. Gilbert Omitta. During the session, he provided insights into the preparation and submission of proposals, as well as strategies for delivering effective presentations at SPE conferences. Mr. Omitta also emphasized the importance of attending the ATCE and other events organized by SPE, highlighting the value they offer to professionals in the industry.



IPTC Energy Education University Programme 2025, Malaysia: Briefing

The webinar, held on 9th August 2024, ahead of the IPTC Energy Week applications, was conducted by Parvin Kyohire and Victor Mugambe, both of whom were participants in the 2024 IPTC program. The session aimed to guide students on effective strategies for applying to and participating in IPTC 2025. We are delighted to announce that one of our own, Nassanga Sydney, will represent Uganda at the prestigious IPTC event in Malaysia in 2025.



Young Professionals Webinar: Bridging the Gap - Incorporating Digital Transformation and Energy Transition Technologies into Oil and Gas Education and Training for Sustained Industry Relevance

This lecture, held on 30th September 2024, in collaboration with the SPE Ghana Section, attracted hundreds of attendees from both sections. Senior professional presenters from the two regions delivered insightful discussions on integrating digital transformation and energy transition technologies into oil and gas education and training.

[Watch Here](#)



Innovative drilling strategy for Tilenga Project

This lecture was held on 29th October 2024. During the lecture, Mr. Augustine focused on challenges encountered during drilling in Tilenga and how they are being handled, the entire process of drilling, and many more insights in drilling.

[Watch here](#)

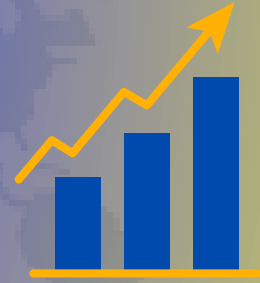


Safety and Risk Management: Best Practices for Operational Excellence

This lecture, held online on 12th December 2024 in collaboration with SPE PHC, featured Mr. Adebola Bada, Manager of Safety Operations at TotalEnergies. He shared powerful insights about safety and risk management in petroleum operations.

[Watch here](#)

Achievement Solutions



Dear Mentors and Mentees

SPE MENTORSHIP CONNECT is here!

Attend the
Official Launch

12th Nov 2024
6:00 pm EAT
Zoom meeting

The session will:

- Introduce the program
- Outline expectations
- Provide key resources

CONTACT US

Society of Petroleum Engineers Uganda Section
speugandasection@gmail.com
+256 726 789019

The **PLACE** for Energy Professionals

SPE Mentorship Connect Program

The SPE Uganda Mentorship Program has made significant strides since its launch, with over 300 mentees and a dedicated team of mentors. The program has successfully conducted multiple bi-weekly mentorship sessions to empower future energy professionals.

Key Highlights:

- **Successful Launch:** The program was unveiled on 12th November 2024, with enthusiastic participation from mentors and mentees.

- **Engagement:** Mentors have led impactful sessions on CV writing, interview preparation, personal development, and technical skills.
- **Organization:** Mentorship groups have leaders to streamline communication and coordinate sessions.

Looking Ahead:

The program plans to cover advanced topics like proposal writing, innovative thinking, and industry-specific technical knowledge in upcoming sessions. The dedication of mentors and mentees ensures a lasting impact on the industry's future.

This is an extension of SPEI mentorship, but the mentors are experienced professionals and members of the SPE Uganda Section.



Former Section Chair Wins SPE service award

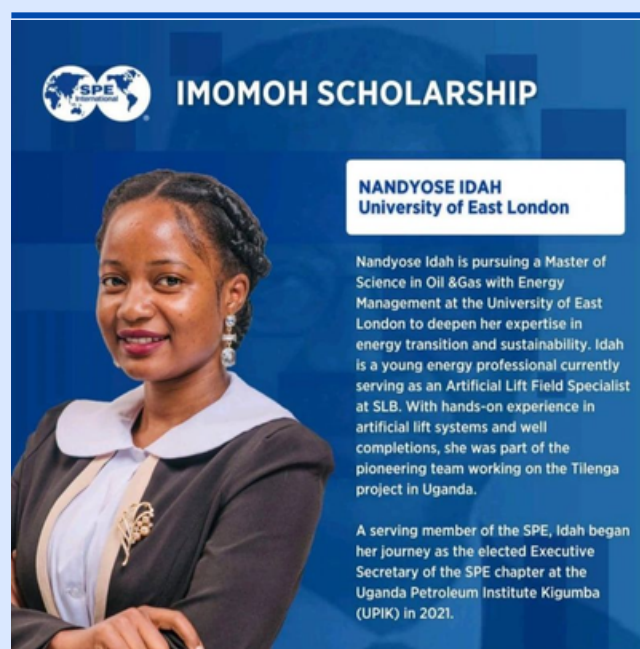
Mr. Kato Obadiah, our Chairperson Emeritus, was among the winners of the 2024 SPE Africa Regional Service Awards. The award was presented at the Gala Dinner in Ghana on 21st May 2024. SPE Uganda congratulates him for his unwavering service and representation of our section.



Mr. Kato Obadiah presenting on a panel at the SPE Africa Section Officers' conference



ATCE is the leading technical energy conference for global E&P professionals, showcasing industry advancements. ATCE2024 brought together a diverse community to address challenges such as the energy transition, supply chain disruptions, workforce dynamics, and inflation. From 23rd to 25th October 2024, one of our Directors, Mr. Gilbert Omitta, participated in the ATCE 2024 in New Orleans and was involved in various conference committees.



Idah Nandyose Receives the Imomoh Scholarship

SPE offers scholarships and fellowships for students pursuing degrees related to the oil and gas industry. Idah Nandyose, our Mentorship Chair, received the Imomoh Scholarship, endowed by Egbert Imomoh to support educational excellence for students from the Africa Region. Idah is now pursuing a Master of Science in Oil and Gas with Energy Management at the University of East London.

Appointment of the SPE Uganda Section Director and Webmaster to the SPE Africa Regional Committee

Our Section Director, Mr. Kato Obadiah Anthony, and our Webmaster, Hannah Kasule, were appointed to serve on the SPE Africa Regional Technical Committee and Communications team, respectively



Our Student Chapters

The SPE Uganda Section includes university chapters dedicated to actively engaging students in petroleum engineering and related fields. These chapters serve as platforms for professional development, networking, and industry engagement. The university chapters under the SPE Uganda Section are:

- Makerere University Chapter
- Mbarara University of Science and Technology Chapter
- Kyambogo University Chapter
- Nkumba University Chapter
- International University of East Africa Chapter
- Uganda Petroleum Institute Kigumba Chapter

Student members of these chapters participate in various activities, including technical presentations, field excursions, and social events, all under the supervision and guidance of the SPE Uganda Section. Recently, some chapters initiated impactful SPE Cares projects aimed at supporting street children, orphanages, and homes for the deaf across the country. These initiatives have not only improved community well-being but also fostered leadership skills among the students, aligning with SPE's core values.

These student chapters demonstrate diligence, passion, and commitment to developing well-rounded professionals equipped to advance the oil and gas industry. Their achievements and contributions are showcased in the accompanying pictorial gallery.



SPE Kyambogo University Chapter with students of Kyambogo College School after a career guidance session



SPE Kyambogo University Chapter exhibiting at the Oil and Gas Expo 2024



SPE Kyambogo University after it's Career guidance session at Nabisunsa Girls' Secondary School



SPE Kyambogo University Chapter at their SPE CARES, we had an out reach to Sanyu babies' home



SPE Mbarara University of Science and Technology Chapter at the Charity visit to Gigi Mercy Foundation under #SPECares initiative



Students of SPE Chapter of International University of East Africa (IUEA) with certificates they were awarded after participation in the National PetroBowl Competitions



SPE Nkumba University Chapter having a well logging training given by CNOOC Uganda Ltd.



SPE Nkumba University explored downstream activities in the petroleum industry at Mahathi Infra Uganda Ltd.



SPE Nkumba University Chapter having a training in ArcGIS at the University.



SPE Nkumba University Chapter at the SPE Annual Student Technical Conference and Exhibition (SASTCE 2024)



Frame 1-4: SPE Makerere University Chapter students at the sickle cell ward for children, Mulago Hospital for *SPECares*, where they took several charity items collected from other student members



Frame 1-4: SPE Makerere University students undergoing training in core sampling, at the *Energy4me* session

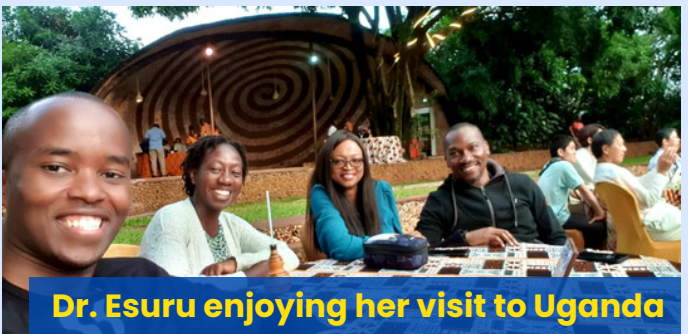
PICTORIAL



SASTCE 2024



IPTC 2024



Dr. Esuru enjoying her visit to Uganda



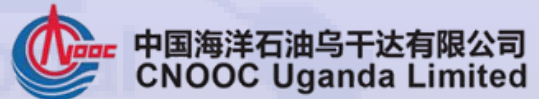
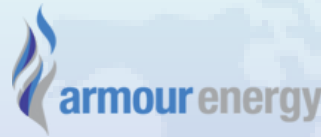
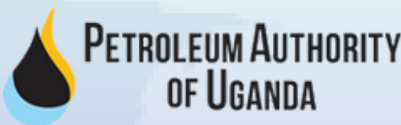
The Award Ceremony in Accra Ghana



Thank you to our

2024 SPONSORS AND PARTNERS 2024

We are looking forward to working with you in 2025



#SASTCE2025



SASTCE 2025

SPE ANNUAL STUDENTS TECHNICAL CONFERENCE AND EXHIBITION

Hosted by:

Mbarara University of Science and Technology

14th March 2025

8AM-5PM

THEME

INNOVATIVE PATHWAYS FOR INTEGRATING FOSSIL FUELS AND RENEWABLES: A SUSTAINABLE ENERGY TRANSITION

