spwla today

NEWSLETTER

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MAY 2026

INSIDE THIS EDITION

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The Society of Petrophysicists and Well Log Analysts
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CALENDAR OF EVENTS

May 16–20, 2026
SPWLA 67th Annual Logging Symposium
Margaritaville Resort
Lake Conroe, TX, USA
www.spwla.org

September 10–11, 2026
2026 NMR SIG Conference
Baker Hughes
Celle, Germany
www.spwla.org

About the Cover

A visual reflection on the importance of energy security at this pivotal moment in history. As global tensions reshape energy markets, the stability of supply has never been more critical.

Notice: Articles published in *SPWLA Today* are not subject to formal peer review but are subject to editorial review and are verified for technical consistency and relevance.

67th ANNUAL SYMPOSIUM

GOLF TOURNAMENT

FIELD TRIP

TECHNICAL SESSIONS

WORKSHOPS

SPOUSE/PARTNER TOURS

SOCIAL NETWORKING EVENTS

SPONSORSHIP OPPORTUNITIES

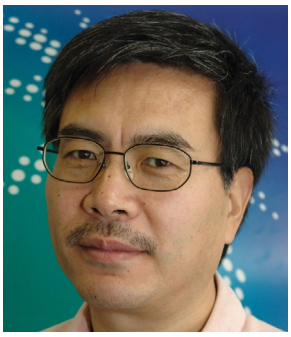
EXHIBITING OPPORTUNITIES

SPWLA 2026
LAKE CONROE

May 16 – 20 | Conroe, Texas | US

Margaritaville Hotel & Resort

REGISTER TODAY! Contact the SPWLA business office for more details or visit https:/www.spwla.org/Symposium



S. Mark Ma
2024–2026
Vice President Publications

Dear SPWLA community,

As I complete my 2-year term as VP Publications and Chief Editor of Petrophysics in May, I would like to express my gratitude and appreciation to each and every one of you for your contributions to the journal's success. It has been an honor to serve in this role and to have had the opportunity to work with such a talented and dedicated group of individuals: reviewers, editors, and the production team led by Managing Editor Elizabeth Naggar, as well as the Executive Director office of Sharon Johnson and Stephanie Turner. Thank you all very much!

Over the past 2 years, we have made significant strides in expanding the journal's scope and reach. Our Editorial Board has grown from 26 editors covering 14 subjects to 31 editors covering 17 subjects today. New categories, such as Geosteering, Rock/Geomechanics, Well Integrity, and Unconventionals, were introduced, to better reflect the evolving needs of the petrophysics community.

I am proud to report that the number of papers published in the journal has also increased. In 2024–2025, we published 66 papers, a 32% increase over our typical annual output of 50 papers in the past. In the second year, 2025–2026, we published 70 papers, a 40% increase. This growth is a testament to the hard work and dedication of our editors, reviewers, authors, and the production team.

I would like to extend my special thanks to our Editorial Board members, who have worked tirelessly to review and edit manuscripts, ensuring that the journal maintains its high standards of quality and excellence. I would also like to thank our reviewers, who have provided valuable feedback and insights to our authors, helping shape the journal's content. To our readers, I thank you for your interest in *Petrophysics* and for making it a leading journal in the field of petrophysics and its applications.

As I pass the baton to my successor, Dr. Jeffrey Crawford, and after an extensive and productive meeting with him recently, I am confident that the journal will continue to thrive and evolve to meet the changing needs of the petrophysics community today and tomorrow. I am grateful to have had the opportunity to serve as Chief Editor of the *Petrophysics* journal and to be part of the SPWLA community.

Thank you for your contributions to *Petrophysic*s. I wish the journal continued success and growth in the years to come.

Sincerely,
S. Mark Ma
2024–2026 VP Publications
Chief Editor, Petrophysics and SPWLA Today

Statistics of the Journal Publications and Changes Made to the Journal

Number of Papers Published

June 2024–April 2025

Month	Jun	Aug	Oct	Dec	Feb	Apr	Yr	Increase
No	8	14	10	13	12	9	66	32%

Note: Increase is estimated over a typical year of 50 published papers

June 2025–April 2026

Month	Jun	Aug	Oct	Dec	Feb	Apr	Yr	Increase
No	9	11	11	13	14	12	70	40%

Editorial Board

April 2024: 26 Editors Covering 14 Subjects

1. Acoustics and Geomechanics
2. Borehole Image and Automation
3. Carbon Capture, Utilization, and Storage
4. Core Analysis and Laboratory Petrophysics
5. Data-Driven Petrophysics
6. Electromagnetics
7. Formation Testing and Sampling
8. Integrated Formation Evaluation
9. Integrated Formation Evaluation and Case Studies
10. Magnetic Resonance
11. Mud Logging and Surface Logging
12. Nuclear Logging
13. Petroleum Geochemistry
14. Well and Reservoir Surveillance

April 2026: 31 Editors Covering 17 Subjects Divided Into Two Categories

Specialized Technologies

1. Nuclear
2. Electromagnetics
3. Acoustics and Rock Physics
4. Borehole Imaging
5. Magnetic Resonance
6. Surface Logging
7. Formation Testing and Sampling
8. Deep Sensing and Geosteering
9. Rock Mechanics and Geomechanics
10. Reservoir Surveillance
11. Core Analysis and Core Petrophysics
12. Well Integrity
13. Fluid Analysis and Petroleum Geochemistry

Integrated Studies

1. Integrated Formation Evaluation
2. Evaluation of Unconventional Reservoirs
3. Transition Energies
4. Petrophysics Analytics, Intelligence, and Automation

Subtitle and Disclaimer

April 2024
Subtitle of the Journal
Petrophysics
The SPWLA Journal of Formation Evaluation and Reservoir Description
Disclaimer
SPWLA Foundation. This fund supports scholarships in higher education and research in formation evaluation.

April 2026
Subtitle of the Journal
Petrophysics
The SPWLA Journal
Disclaimer
SPWLA Foundation. This fund supports scholarships in higher education and research in petrophysics.

LinkedIn Group for the *Petrophysics* Journal

A LinkedIn group for the *Petrophysics* journal has been created, and everyone is welcome to share their experiences and lessons learned, ask questions, and check out what's new with the journal.

https://www.linkedin.com/groups/14455086

From the President

Robert H. (Bob) Gales
2025–2026 President

A year goes by in a hurry. By the time you read this, the 67th Annual Symposium will be right around the corner, and my term as President will end. Congratulations to the new and returning board members. It has been an honor working with Sharon, Stephanie, and the board over the past year.

There is never enough time to accomplish all your goals, but we accomplished many focused on our mission to share knowledge. The board is committed to continuing these initiatives and focusing on how we can retain and grow our membership. A few of our successes are:

- The reactivation of the Dallas Chapter
- The addition of two new student chapters. It is great that we continue to grow our student chapters and see the enthusiasm of our future leaders.
- Expanded SIG engagement, which resulted in more SIG workshops, webinars, and Annual Symposium workshop proposals. This adds focused content at the Annual Symposium on eight specific topics.
- UDAR Topical Conference in collaboration with the London Petrophysical Society. This is our first published topical conference that provides great information in OnePetro and also an upcoming *Petrophysics* journal special issue. We thank the efforts of the UDAR Conference Committee and LPS for their support, which resulted in a successful 3-day event with over 100 attendees. This is a great avenue for collaborating with other local chapters globally and gaining more technical information on a specific topic in the public domain. Reach out if you are interested.
- Revamping of the weekly update emailed to members and posted on LinkedIn. It was great to see increased activity from SIGs and local chapters, which sometimes results in a long update. We encourage the sharing of chapter information to give ideas to other chapters for events and encourage you to join in hybrid events.
- Board member presentations at regional conferences, SIG Workshops, and universities. Recent presentations at several SPWLA student chapters give me faith in the future of our discipline.
- SEG-SPWLA Seismic Petrophysics Conference in Al Khobar. This was another success focused on the overlapping need for quality information.
- EAGE- GEOMIN, URTeC, IGS, and Society of Core Analysts conferences as endorsing sponsors

Other major activities were the creation of a Membership Committee and a Digital Initiative Committee. As stated in the last issue, the SPWLA faces a membership decline, as do other societies. The Membership Committee implemented a multiyear enrollment plan, is reviewing corporate membership to make it easier for companies to enroll with known costs, and is exploring alternate methods for membership payment in some countries. We encourage all members of local and student chapters to join SPWLA to help keep the society strong and vibrant.

I am excited about the Digital Initiative. The SPWLA and SCA have a rich database of symposium transactions and journals that can leverage petrophysicists' knowledge by quickly finding and summarizing data. We are in the early stages of the best time to implement this, and we will keep you updated in the future. This is a passion of mine, and I hope to stay engaged in the committee moving forward.

Finally, I want to invite you all to the 67th SPWLA Annual Symposium. It will be another great event with 141 papers and posters, 8 great workshops with industry-leading instructors, an International Student Presentation Competition, a full house of exhibitors, and nightly social activities, including a golf tournament on the Friday before the symposium and spouse events. We want to thank all our sponsors and exhibitors who help make this event possible.

Thank you for your continued support of SPWLA and the opportunity to serve as your President. Feel free to reach out with ideas or concerns (President@spwla.org). We welcome your feedback to keep improving your SPWLA.

Regards
Robert H (Bob) Gales
2025–2026 SPWLA President

Javier Miranda
2025–2026
President-Elect

A Year of Progress and Continued Momentum

Time certainly flies when you are doing what you enjoy. Serving our Society and its members has been both an honor and a rewarding experience, especially leading the SIGs as President-Elect. Like any volunteer role alongside a full-time career, it comes with challenges and periods of high demand. However, the accomplishments achieved this year under the leadership of **Bob Gales** speak for themselves.

While 1 year is a short timeframe to deliver on all objectives, continued collaboration across past presidents, current leadership, and incoming officers remains essential—particularly for key initiatives such as digital transformation. We have made meaningful progress, and Bob will share these achievements during the Annual Symposium in Lake Conroe. Looking ahead, our focus will remain on advancing these initiatives, strengthening membership, and delivering an outstanding international conference in 2027.

It has been a challenging year for many in our industry. Despite this, energy remains fundamental to the global economy, and our Society continues to play an important role in supporting technical excellence and professional development. Our local chapters and Special Interest Groups (SIGs) remain active and engaged, although growing and retaining membership remains a shared priority across professional organizations. The strength of both our new and established chapters gives me confidence in our future.

Several regions continue to show strong engagement, particularly the Middle East, Asia, and Latin America. These regions present significant opportunities—not only for membership growth, but also for expanding our technical footprint through topical conferences and regional initiatives.

I would like to **congratulate Bob Gales** on a highly successful and active year, and to thank him for his exceptional leadership and commitment. I also want to recognize the outstanding group of volunteers on the Board—both current and incoming. Serving SPWLA is a demanding but highly rewarding experience, and I am confident they will find it both impactful and fulfilling. I am pleased that Bob will continue contributing as Chair of the Awards and Electoral Committee, and I look forward to continuing to benefit from his guidance.

I look forward to a successful year ahead and an excellent conference in Lake Conroe.

International Elections – Your Voice Matters

Our members have spoken, electing the incoming Board for the 2026–2027/28 term. This year's election saw a 24.7% increase in participation. While encouraging, a significant portion of our eligible voting members—over 800—did not exercise this important privilege. Active participation in selecting our leadership is critical, and not all professional societies offer this opportunity.

I am pleased to welcome the incoming Board: Matt Blyth, Artur Posenato Garcia, Stephanie Perry, Clara Palencia, Jing Li, Jeff Crawford, Peter Barrett, Chicheng Xu, Nate Bachman, Andrew Anderson, Lucas Abreu Blanes de Oliveira, Pascal Debec, Marie van Steen, and Ryan Banas. I look forward to working closely with this outstanding group.

For those who participated but were not elected, I strongly encourage you to run again. Leadership journeys are rarely linear—many of us have learned as much from setbacks as from successes. For the record, I won (or lost) 50% of my elections, and those results provided great learning opportunities and helped me come back stronger and more experienced. If you like baseball, a .500 batting average is great! 😊

Each year, the Election Committee—led by the immediate Past President—carefully reviews member profiles, volunteer contributions, and service to develop a strong and balanced slate of candidates. This rigorous process supports leadership continuity and succession planning. The final decision, however, rests with you—our members.

Number of Members Who Participated in the Election in the Last 16 Years

YEAR	TOTAL PARTICIPANTS
2011	454
2012	543
2013	763
2014	680
2015	658
2016	795
2017	1075
2018	820
2019	600
2020	732
2021	600
2022	648
2023	447
2024	465
2025	332
2026	414

Petrophysics: The Foundation of Subsurface Understanding

Petrophysics remains fundamental to subsurface evaluation, translating measurements into reservoir properties that guide decisions from exploration through production. By integrating physics, geology, and engineering, petrophysics enables quantification of reservoir quality, fluid distribution, and producibility while reducing uncertainty by integrating logs, core, seismic, and dynamic data.

Regardless of advances in seismic imaging or geological modeling, key development decisions ultimately depend on understanding rock and fluid properties. Petrophysics provides this critical link, supporting engineers, geologists, and production teams alike. Without reliable petrophysical interpretation, uncertainty propagates across the entire development workflow.

In this context, **Workshop 8, "Uncertainty and Petrophysics," led by Russell Farmer (ADNOC)**, will address these challenges in depth at the Annual Symposium, featuring an amazing lineup of speakers, including representatives from operating and service companies as well as independent consultants.

SIG-Driven Technical Strength and Workshops:

A key focus this year has been strengthening SPWLA's technical foundation through deeper engagement with our Special Interest Groups (SIGs). Regular interaction with SIG leaders has translated into strong participation across workshops, seminars, and technical sessions.

The results are evident in the 2026 Annual Symposium, where seven of the eight workshops are led by SIGs—demonstrating their vitality and technical leadership within our Society. I would like to thank **Artur Posenato, VP Technology-Elect**, for his leadership and collaboration in making this possible.

Saturday, May 16:

1. Petrophysics for Reserves, Resources, and Storage Estimation: Aligning With PRMS and SRMS
2. Petrophysics in the Energy Transition
3. Formation Testing Revolution: Building on the Basics to Shape What's Next
4. Introduction to Borehole Image Log Data Analysis

Up Next

Sunday, May 17:

1. Applied Machine Learning for Formation Evaluation: From Logs to Images
2. Replacing Radioactive Sources Used in Nuclear Logging — Current State and Potential Future
3. From Core to Wellbore: Understanding NMR LWD and Its Relationship to Wireline and Core NMR
4. Uncertainty and Petrophysics

UDAR Topical Conference – A Model for Future Growth

The inaugural SPWLA Topical Conference on Ultradeep Azimuthal Resistivity (UDAR), held March 23–25 at the Geological Society in London, was a significant success. Organized by a distinguished group of SPWLA members led by Nigel Clegg, the conference brought together global expertise in advanced resistivity technologies. This is the first published topical conference in years and focused on the latest advancements in UDAR technologies from across the globe, combined with education sessions to refresh and enlighten those new to the field, and featured the participation of professionals from energy companies, service companies, independent consultants, academia, and other interested parties. Congratulations to the organizing committee for a fantastic event in an historic building where we were delighted to visit the book halls during breaks!

With 108 attendees, the event exceeded expectations and demonstrated the strong demand for focused, high-value technical gatherings. The program covered a wide range of topics, including geosteering, geomapping, look-ahead technologies, inversion workflows, automation, and integrated case studies.

This success reinforces the opportunity to expand our topical conference portfolio. Looking ahead, we are evaluating additional events for the 2026–2027 cycle in regions where the annual conference is not hosted, including potential locations in the Middle East, Asia, Latin America, and Europe. We believe that **Saudi Arabia** would be an ideal location for the next topical conference.

Annual Conference – Lake Conroe 2026

Our International Board of Directors continues to finalize preparations for the 2026 Annual Symposium in Lake Conroe, Texas. The technical program, led by **Robin Slocombe, VP Technology**, is comprehensive and will be available at the time of publication.

We will also announce the location of the 2027 Annual Symposium during the conference, continuing our commitment to international rotation and reflecting the diversity of our global membership.

The Awards Ceremony will take place during the Tuesday luncheon, recognizing outstanding contributions to the field of formation evaluation. This year, we will also recognize Houston as the Outstanding Professional Chapter and King Fahd University of Petroleum & Minerals (KFUPM) as the Outstanding Student Chapter—both selected using our newly implemented evaluation framework.

Don’t miss our largest technical and networking event of the year!

Margaritaville at Lake Conroe provides an excellent venue that combines a strong technical program with a welcoming environment for networking and collaboration. I encourage you to join us for what promises to be one of the most engaging conferences of the year.

Please stay tuned for upcoming announcements via email or on the conference website. Also, download the symposium app to stay up to date on conference details as they are announced, delivered directly to your phone.

A Final Word on Volunteering

My sincere appreciation goes to all our dedicated volunteers across the International Board, Technology Committee, and Symposium Organizing Committee. Their commitment reflects the spirit of our Society:

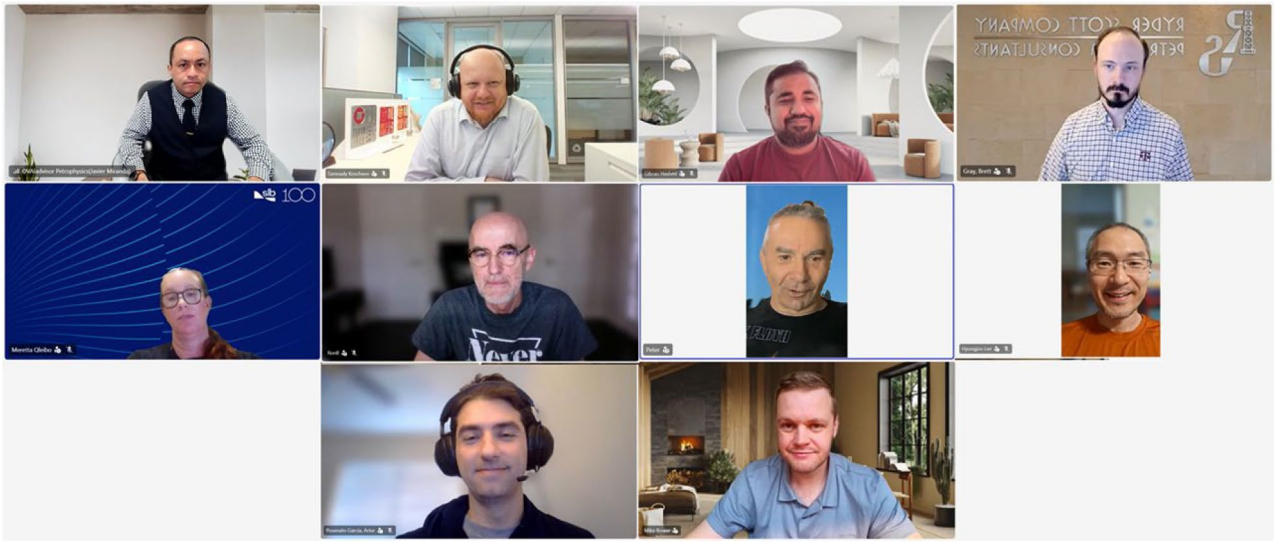
“We make a living by what we get, but we make a life by what we give.” — Winston Churchill

Up Next

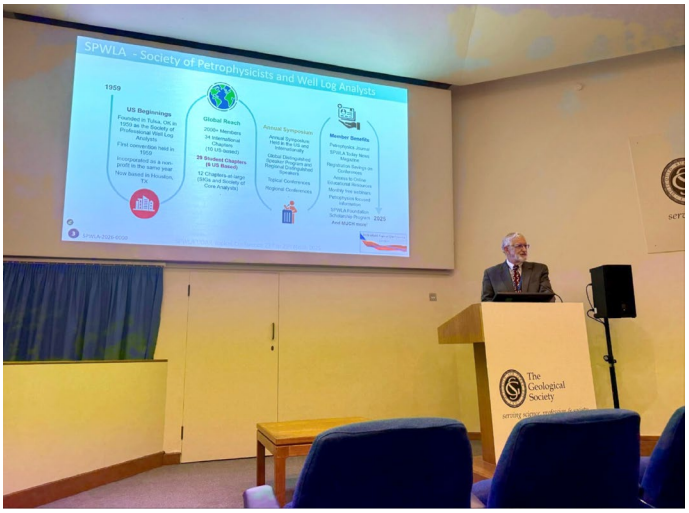
If you are interested in contributing to SPWLA's mission, I encourage you to explore our volunteer opportunities and get involved. Your ideas and perspectives are always welcome—we are here to listen and to work together for the continued success of our Society. **https://spwla.org/SPWLAArchived/SPWLA/Volunteer/VolunteerOpportunities.aspx**

Stay in touch friends, amigos, amis, vrienden, venner, صديق, 朋友, दोस्त, друзья!

Javier Miranda
2025–2026 SPWLA President-Elect
President-Elect@spwla.org



SPWLA Special Interest Groups (SIG) representatives during March's meeting with SPWLA President-Elect Javier Miranda and VP Technology-Elect Artur Posenato Garcia. (From left to right, top to bottom) Javier Miranda, Gennady Koscheev, Gibran Hashmi, Brett Gray, Meretta Qleibo, Ron J.M. Bonnie, Peter Swinburne, Hyungjoo Lee, Artur Posenato Garcia, and Mike Bower.



SPWLA President Bob Gales during the inauguration of the UDAR Conference in London, UK.

Nigel Clegg, chair of the steering committee for the highly successful UDAR Conference, in London, UK

Carlos Torres-Verdín from UT Austin during one of his presentations at the UDAR Conference in London, UK.

Javier Miranda (SPWLA President-Elect, left) and Bob Gales (SPWLA President, right) discussing plans for the SPWLA; work never stops for these two.

bp-sponsored Open Technical Session on the "Application and Future Impact of AI Within Geosteering" by John Stephenson (bp, VP Subsurface and Wells Technology).

The UDAR Topical Conference in London, UK, was hosted at the London Geological Society building, with an impressive collection of books, and was located in the center of the city.

The successful UDAR Conference in London, UK, included a wide range of presentations on different topics, with representatives from operating and service providers, as well as academia and research institutions, such as this one from Nazanin Jahani (NORCE).

Bob Gales (SPWLA President, second from left) and Javier Miranda (SPWLA President-Elect, third from right) with some of the participants at the UDAR Conference during the networking event.

Javier Miranda (SPWLA President-Elect, second from right) with some of the participants in the UDAR Conference during one of the networking events.

Dawn Houliston (UDAR Conference participant, left) and Javier Miranda (SPWLA President-Elect, right) during one of the networking events.

Rafay Ansari (UDAR Conference presenter, left) and Javier Miranda (SPWLA President-Elect, right) during one of the networking events.

Can you guess what apparatus this is? This is a Panasonic AG-MX70 Digital AV Mixer stored at the London Geological Society. It is a professional-grade video switcher and audio mixer that was widely used in television production, live events, and post-production studios during the early to mid-2000s. While it is an “analog-era” piece of gear, it was highly regarded for its compact size and the fact that it integrated both video and audio controls into a single unit. Today, it is largely considered a legacy device, as most production has shifted to high-definition (HD) and 4K digital software-based switchers.

Current SPWLA Special Interest Groups Leaders (2025–2026)

Chapter Name	First Name	Last Name	Company	Position in Chapter	Official SIG Email address
Acoustics SIG	Gennady	Koscheev	Halliburton	Communications	acoustics_sig@spwla.org
Acoustics SIG	Jennifer	Market	Well ID	Chair	acoustics_sig@spwla.org
Alternative Subsurface/Energy Transition	Gerold	Tischler	Alternative Earth	Chair	aset_sig@spwla.org
Alternative Subsurface/Energy Transition	Femi	Onita	Shell	Vice Chair	aset_sig@spwla.org
Borehole Imaging - BHI SIG	Christian	Rambousek	NiMBUC Geoscience	Chair	bhi_sig@spwla.org
Borehole Imaging - BHI SIG	Peter	Barret	Halliburton		bhi_sig@spwla.org
Education SIG	Ahmed	Badruzzaman	Independent	Chair	ahmed.badruzzaman@gmail.com
Formation Testing SIG	Gibran	Hashmi	Halliburton	Chair	formation.testing.sig@spwla.org
Formation Testing SIG	Camilo	Gelvez	BP	Vice Chair	formation.testing.sig@spwla.org
HAHZ	Chapter Officer			Chair	HAHZ@spwla.org
HAHZ	Meretta	Qleibo	SLB	Chair	HAHZ@spwla.org
Hydrocarbon Reserves	Philip	Gibbons	Gaffney Cline	Chair	reserves_sig@spwla.org
Hydrocarbon Reserves	Brett	Gray	Ryder Scott	Vice Chair	reserves_sig@spwla.org
Hydrocarbon Reserves	Joshua	Oletu	Gaffney Cline	Past Chair	reserves_sig@spwla.org
Hydrocarbon Reserves	Luis	Quintero	Halliburton	Past Chair	reserves_sig@spwla.org
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NMR SIG	Radu	Coman	Baker Hughes	Chair Elect	NMR@spwla.org
NMR SIG	Nate	Bachman	SLB	Past Chair	NMR@spwla.org
Nuclear SIG	Ahmed	Badruzzaman	Independent	Chair	ahmed.badruzzaman@gmail.com
PDDA	Hyungjoo	Lee	Helmerich & Payne	Chair	pdda_sig@spwla.org
The Resistivity Modeling SIG	Dean	Homan	SLB	Chair	rt-sig@spwla.org

Robin Slocombe
2025–2026 VP Technology

Innovations on the Lake: A Preview of the 2026 Technical Program

As we approach the final week of May, the momentum within the SPWLA is shifting toward the water's edge. We are trading the office for the boardwalk as we head to **Margaritaville Lake Resort in Conroe, Texas**, for our 2026 Annual Symposium. While the setting offers a tropical breeze, the technical program we have curated is a deep dive into the most rigorous challenges facing our industry today.

A Program of Unprecedented Scale

The 2026 program reflects a changing subsurface industry. This year, we have curated an incredibly dense and high-quality schedule from approximately **150 accepted papers**. To ensure we provide a platform for as much of this research as possible, we have organized:

- **120 Oral Presentations** across a dual-track program
- **30 Technical Posters** for deep-dive, one-on-one discussions

Artur Posento-Garcia
2025–2026 VP
Technology-Elect

Technical Theme	Focus Areas
Formation Evaluation	Advances in NMR, dielectric logging, and high-resolution sensor technology.
Energy Transition	Petrophysical characterization for CCS, Hydrogen storage, and geothermal energy.
Digital Transformation	AI/ML workflows, cloud-based data integration, and automated log processing.
Integrated Reservoir Studies	Core-to-log scaling, unconventional reservoirs, and complex mineralogy.

The Backbone of the Symposium: Our Technical Committee

A program of this scale doesn't run itself. I want to extend a sincere thank you to the **72 members of the Technical Committee**. These individuals have spent months reviewing abstracts and manuscripts to ensure the highest scientific standards.

From this group, we have drawn our **session chairs**, who will be responsible for managing the technical dialogue across our dual-track sessions. Their role is vital; they aren't just there to keep us on schedule, but to facilitate the technical debate and bridge the gap between different subdisciplines. When you see our chairs in Conroe, please take a moment to thank them for their dedication to our craft. Your input is also enormously valuable. Please take a moment to rate the presentations in the symposium app so we can recognize and reward the best work being shared.

Don't Miss the Weekend Workshops

The learning begins well before the first keynote. I'd like to highlight the fantastic work of **Artur Posenato Garcia**, who has been instrumental in organizing an exceptional program of **workshops for Saturday and Sunday**.

Artur has curated a diverse range of deep-dive sessions that allow for more hands-on learning than a standard presentation allows. Whether you are looking to sharpen your skills in advanced rock physics or explore new digital petrophysical workflows, these workshops are the perfect way to kick off your symposium experience. Space is limited, so I encourage you to finalize your registration soon.

Looking Ahead

The countdown to Conroe is on. I am incredibly proud of the technical narrative we have built for this year, and I look forward to seeing the community come together to share, challenge, and innovate.

See you at Margaritaville!

Robin Slocombe, VP Technology
Artur Posenato Garcia, VP Technology-Elect

Jing Li
2025–2027 VP Finance, Secretary, and Administration

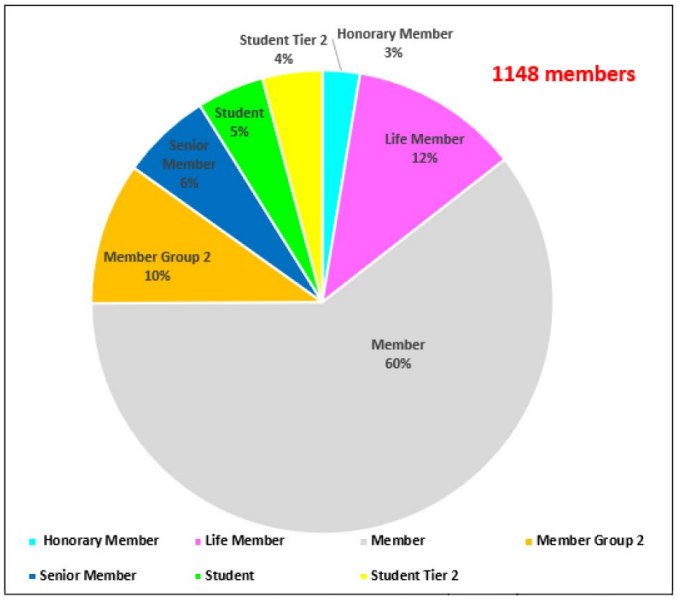
Dear SPWLA colleagues,

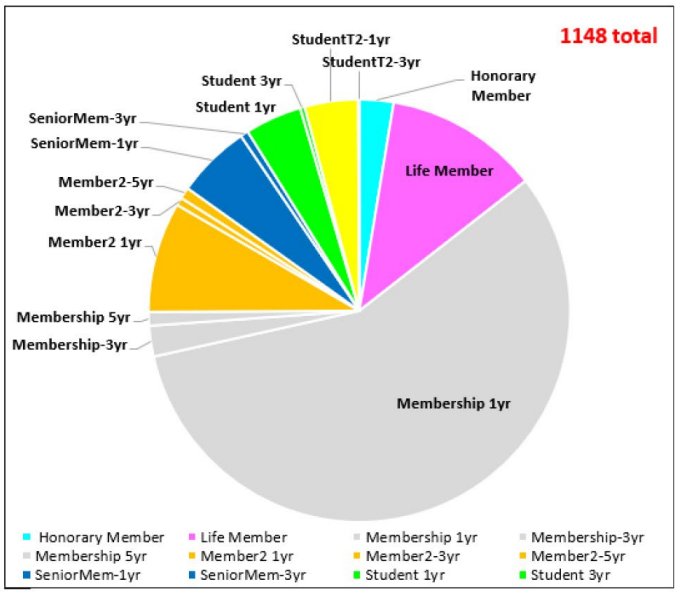
First, please kindly renew your membership fee if you have not done so already. Membership offers a variety of membership benefits, including:

- Discounts on meetings, conferences, training, and the annual symposium
- Free access to SPWLA resources, including:
  - Monthly webinars and recorded webinar videos
  - Mnemonics DB
  - Monthly chapter meetings in your region or at other SPWLA chapters and SIGs
- Digital subscriptions to the *Petrophysics* journal and the *SPWLA Today* newsletter
- Discounted access to published papers and journals
- Access to the member network
- Serve and vote in chapter and international organizations
- Support to promote petrophysics

Member Counts

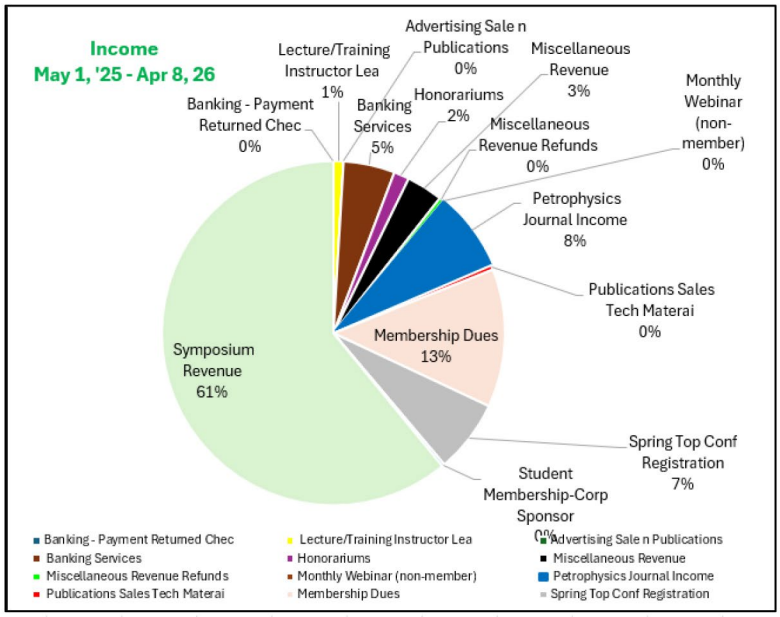
By March 9, 2026, membership totaled 1,148. The chart details categories and the distribution of 1-year, 3-year, and 5-year options.

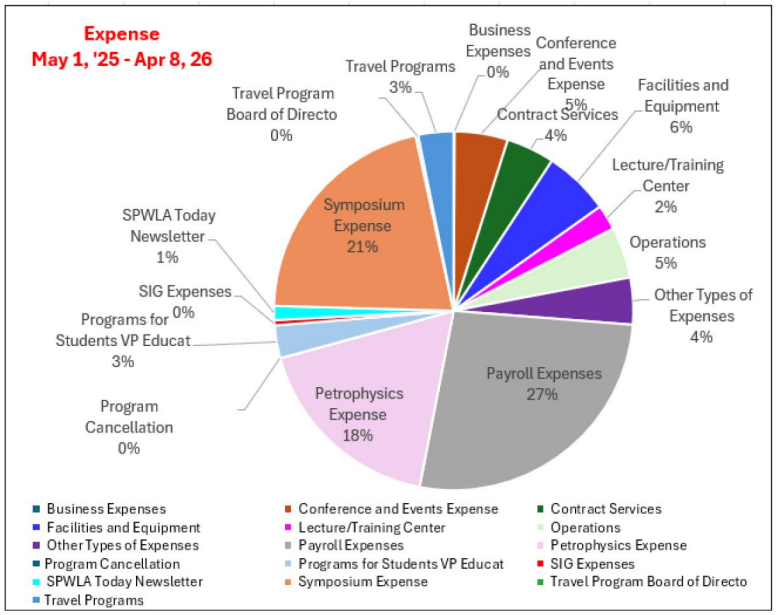




Financial Overview: May 2025 to April 2026

SPWLA maintains consistent and robust financial health. The pie charts below illustrate how revenues and expenses are distributed from May 2025 to April 2026. These figures exclude deferred symposium income, which is typically adjusted each April. The charts provide insight into how funds are allocated across programs. Overall, revenue and expenses remain well-balanced.





We appreciate your feedback and encourage everyone to support our workshops, tropical conferences, annual symposiums, and other SPWLA initiatives. We highly value your suggestions for new revenue sources for the organization and welcome any ideas you may have. Our goal is to collaborate towards a brighter future for all involved.

Thank you for being an active part of our community. Together, we are building a more connected and resilient SPWLA.

Sincerely,
Jing Li
VP Finance, Secretary, and Administration

Matt Blyth
2024–2026
VP Education

Dear SPWLA community,

Hello! It is amazing to think that it is already the end of another year of SPWLA activities and that my term as VP Education is ending at the symposium in Conroe! These 2 years have flown by! I have really enjoyed the VP Education role, and it is one that has grown in status and importance dramatically over the last few years. Educational activities form a large part of the society's activities, including the Distinguished Speaker programs, webinars, the student presentation competition, and more. I would like to thank the Education Committee for all their help over the last 2 years—Clara Palencia, Fransiska Goenawan, Jinhong Chen, Ryan Armstrong, and Katerina Yared—and a special shout-out to Jennifer Duarte for all her help with running the DS webinars for speakers in the Eastern Hemisphere! I would also like to thank everyone who has helped judge the International Student Presentation Competition over the last 2 years. Without your contributions, the event would not have been able to happen. I would also like to thank all our webinar speakers, course instructors, and Distinguished Speakers from the last 2 years!!

I would also like to extend a big congratulations to the new VP Education, Clara Palencia! Many of you know her well, as she has been part of several SPWLA committees, has been a Regional Director, and started and has been running the annual North and South America Student Symposiums. I am sure she will do an excellent job as VP Education, and I look forward to seeing her further develop the role!

As usual, everything we do relies on volunteers, so if you are willing to help with the SPWLA educational program, please reach out!

- Short Courses: We are seeking people willing to teach short courses on relevant topics. These courses can be as long or as short as needed, and are usually taught online, with half days each day, to allow attendees to balance work and training—and we share the course revenue with the instructors, so you get paid to teach!
- On-Demand Training Classes: These courses are available over an extended period, with attendees being able to access prerecorded training modules online and then attend scheduled Q&A sessions with the course instructor. This is a great opportunity to deliver a training course that may be too long to cover in a single week.
- Nuggets of Wisdom: This is a series of online talks by industry experts on particular topics that interest them most.

So if you have a passion for a particular subject and would like to teach a course, class, or just record your thoughts as an online information archive, then please contact your new VP Education at VP-Education@spwla.org!

I will still be around, as I was elected President-Elect, and I will continue working closely with the new VP Education and the rest of the board.

Take care!
Matt Blyth
VP Education

Informative Technology

Peter Barrett
2025–2027 VP Information Technology

A year of being VP Information Technology is almost up, and I can hardly believe it. This is a two-year role, so I have another year to go, which is good, as there are still things on my "To-Do List" that I would like to achieve.

With the support of Tegwyn, we have used OpenWater successfully for abstract and paper submissions and to help drive some award processes. I think overall this has worked well; the main hiccough we see is when there is a mismatch between the email address registered with SPWLA and the one someone has supplied as a reviewer; the system must use the same email address as is used to sign in to the SPWLA.

As with all board members, we have a domain tied to our position, but that does not mean we work only for the SPWLA within our domain. The board, as a whole, makes decisions about the future of the SPWLA, event locations, new chapters, etc. As with anything where you can see an impact, it makes the role very rewarding, and it is an honor to be associated with the other board members. I look forward to welcoming the new board members and working with them for the remainder of my term.

Which brings me to the symposium. I am looking forward to this year's event—a full and interesting technical program, some great workshops, an interesting field trip, and some great spouse events, too. I have been working on the planning committee, and watching it all come together adds to the anticipation for what will be a great event. It is always a great opportunity to catch up with acquaintances from years past and to see the enthusiasm of our younger members. If you see me, feel free to say "Hello."

Peter Barrett
2025–2027 VP Information Technology
vp-infotech@spwla.org

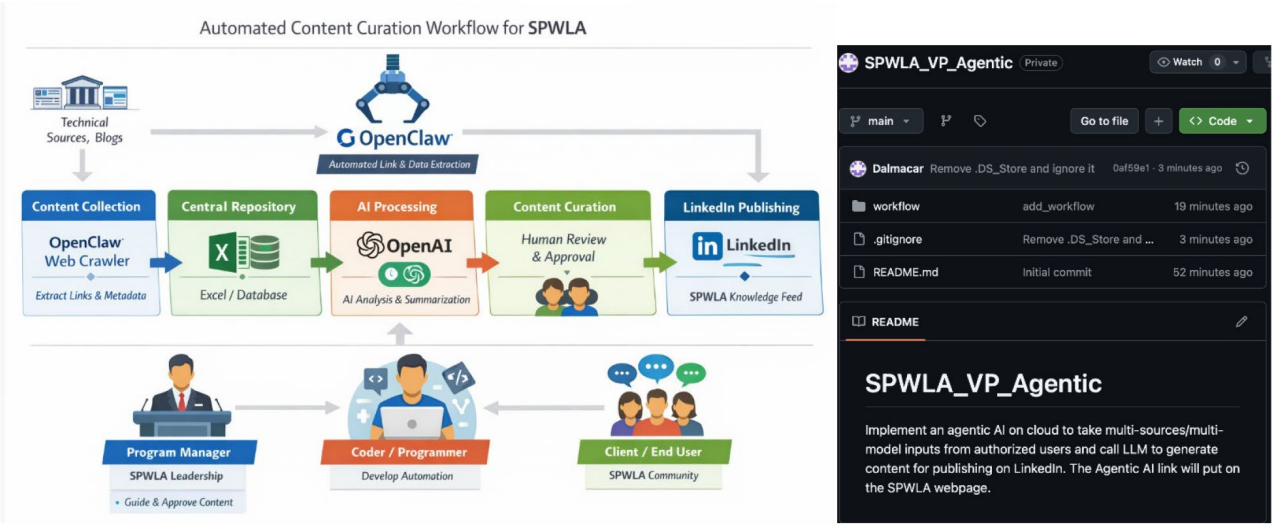
Chicheng Xu
2025–2027
VP Communications

Embracing the Digital Shift for SPWLA Today and Tomorrow

Kickoff: The SPWLA VP Agentic AI Project

I am thrilled to announce the official kickoff of the **SPWLA VP Agentic AI** project. This initiative marks a significant milestone in our mission to modernize how we share the groundbreaking work of our global community. We are developing a cloud-hosted, agentic AI workflow specifically designed to streamline our communications.

Accessed via a secure portal on the SPWLA website, this "brain" will utilize a multi-agent framework to act as a researcher, drafter, and editor. Whether it is a PDF of a technical abstract, a speaker headshot, or a link to a new journal article, the agent will extract key facts and generate professional LinkedIn drafts for review. This isn't just about automation; it's about maintaining our high scientific standards while ensuring our social media presence is as dynamic as our industry.



A proposed workflow design by the SPWLA VP Agent Team: Dalma Cerro, Matt Cheshire, Kevin Liu, Satyaki Ray, and Chicheng Xu.

A Strategic Transition: From Publishing to Digitalization

With the release of this agent, my role as your VP Communications is evolving. For the past several months, much of my focus has been on manually curating and publishing LinkedIn posts to keep our 5,000+ connections informed. However, as we successfully automate these repetitive tasks, I am shifting my focus toward **broad-scale digitalization** within the society.

This transition allows us to move beyond simply "posting content" to strategically managing our digital ecosystem. By leveraging AI to handle the heavy lifting of content generation, I can focus on:

- **Scaling our digital intelligence platforms**, such as the PetroLLM initiative.
- **Enhancing member engagement** through sophisticated, data-driven communication strategies.
- **Preparing for the SPWLA 67th Annual Logging Symposium**, ensuring our digital footprint for the Lake Conroe event is more impactful than ever.

The "VP Agent" is just the beginning. As we embrace these tools, we are not just keeping pace with technology—we are leading the way in the energy sector's digital transformation.

How would you like to see these new AI capabilities applied to our technical journal features? If you have some great ideas, please share with me by sending me LinkedIn message.

Chicheng Xu
VP Communications

Amer Hanif
2024–2026 NA1 Regional Director

Dear SPWLA members,

As someone wisely once observed, “All good things must come to an end.” My term as Regional Director is now concluding—perhaps just in time, as I was beginning to enjoy it a little too much. I would like to take this opportunity to sincerely thank all my SPWLA colleagues in the NA1 region, especially the officers of our professional and student chapters, who made this experience so meaningful and rewarding.

I am also delighted to welcome **Nate Bachman** as our newly elected Regional Director with full confidence that he will not only build on our collective successes but also surpass me in areas where I had weaknesses, helping this truly remarkable region continue to serve the SPWLA at the highest level.

The most rewarding aspect of my term has been engaging with students, including the opening and revitalization of student chapters. Across both conventional oil and gas and transitional energy domains, our discipline offers fulfilling and impactful career paths for young professionals. SPWLA will continue to play an essential role in guiding and empowering them to make a difference in our industry.

In closing, I would like to extend my heartfelt congratulations to the SPWLA 2026 award recipients from our region: the entire Houston Chapter Board for being selected as the 2025–2026 Outstanding Professional Chapter, **Dr. Ron Bonnie** for receiving the Distinguished Technical Achievement Award, and **Dr. QinShan Yang** for being honored with the Outstanding *Petrophysics* Journal Editor Award. Please plan to attend the Symposium Luncheon on May 19 for a special celebration recognizing their exceptional contributions.

With that, I look forward to welcoming you to Lake Conroe, Texas, this May for yet another outstanding Annual Symposium.

Amer Hanif
NA1 Regional Director

The University of Houston local presentation contest for ISPC was held on February 21. Here is a nice picture in front of the Petroleum Engineering building with participating students, faculty advisors Dr. Myers and Dr. Hathon, and invited judges Ron Bonnie, Clara Palencia, Juan Garcia, Amer Hanif, and Chicheng Xu

The UT Austin local presentation contest for ISPC was held in February. Students enjoyed the lunch break while faculty advisors Dr. Torres-Verdín and Dr. Heidari (seen at the far end) and judges Chicheng Xu, Artur Posenato Garcia, and Zeyad Ramadan caught up on evaluations (right corner of the picture).

The University of Houston Student Chapter visited Baker Hughes in March for a full-day study tour. (Top) The morning was spent at the Education Center, where they saw the training rig, wireline logging unit, and logging tools. (Bottom) The afternoon session was a visit to the Houston Technology Center Labs and Geoscience.

At the SPWLA DFW March Technical Luncheon, Chapter President Dr. Behzad Ghanbarian shared his latest research on artificial intelligence methods for log reconstruction. Ray Wydrinski presented Dr. Ghanbarian with a gift on behalf of the chapter in appreciation of his contribution.

Northside Houston held a technical luncheon in February that drew an excellent crowd. Hosted by Stratum Reservoir, the event included an excellent case study from Fausto Mosca, on “Pore Pressure Prediction While Drilling,” followed by a tour of the Stratum Reservoir Labs.

SPWLA President Bob Gales visited Dallas-Fort Worth in February. He gave two talks on the “Petrophysics Role in Energy Transition.” (Top) Bob is shown presenting to the DFW Professional Chapter. (Bottom) Bob is shown meeting with the DFW Student Chapter at the UT-Arlington Campus.

Regional Understandings–North America 2

Andrew Anderson
2025–2027
NA2 Regional Director

Dear SPWLA colleagues,

It is hard to believe that nearly a year has passed since Clara Palencia passed the torch as NA2 Region Director. I was fortunate to work with Clara in my former role as a Chapter President prior to stepping into this position, and I am truly grateful for the example she set through her leadership, dedication, and professionalism.

I would also like to take this opportunity to thank our Chapter Presidents Adam Cox (Bakersfield), Arkhat Kalbekov (Permian), Badr Mohamed (University of Oklahoma), James Howard (Tulsa), Jeff Miles (Boston), Jon Roberts (Oklahoma City), Liz Tanis (New Orleans), and Rich Whittington (Denver), along with their respective boards, for their commitment, persistence, and effort over the past year. Several of our chapters serve smaller populations, yet our leadership has remained steadfast amid an evolving landscape marked by consolidation and relocation. Throughout the year, our local leaders have stayed actively engaged with their members, sought guidance on future direction, and continued to deliver meaningful technical content and activities. I am grateful for their dedication and look forward to the year ahead, working alongside such an outstanding group.

Plans for the Student Virtual Symposium continue to develop, and we are excited about an emerging technical program that will bring together industry professionals, academic leadership, and students from across the hemisphere.

The 67th Annual Symposium is also rapidly approaching. We have a strong technical program, along with short courses, a field trip, student presentations, a great exhibition floor, and a full slate of social events. I am thankful to the many volunteers who have contributed their time and energy to planning and organizing this event. I look forward to attending and hope to see many of you there. I would also like to offer a special congratulations to the University of Oklahoma Student Chapter for reaching the international Student Presentation Competition finals, which will be held on Sunday, ahead of the conference and exhibition.

Best regards,
Andy Anderson
NA2 Regional Director

Marta Inés D'Angiola
2024–2026 Latin America
Regional Director

Dear colleagues,

As I conclude my term as Regional Director for Latin America within the SPWLA, I would like to reflect on a period of meaningful growth and transformation for our region. We successfully navigated the transition from virtual to in-person activities, maintaining strong engagement and continuing to build a connected, active community.

I am especially proud of the expansion of our region, including the creation of a new professional chapter in Suriname and the development of new student chapters in Brazil, such as those at *Universidade Federativa fo Ceara*, *Universidade Estadal do Rio de Janeiro*, and *Universidade Federativa Rural do Rio de Janeiro*. These achievements are a testament to the dedication and enthusiasm of our members.

Throughout this journey, I have remained committed to supporting students and young professionals, fostering collaboration, and helping resolve challenges within our community. It has been truly rewarding to help strengthen our regional network.

I am very pleased to welcome Lucas Abreu as the new Regional Director. I am confident that his leadership will continue to drive the growth and success of the Latin American region.

I am deeply grateful for this experience and proud of all that we have accomplished together.

Let us remember the power of three simple yet magical words that I will share in my own language: *Por favor, perdón, y gracias!*

Warm regards!
Marta Inés D'Angiola
2024–2026 Latin America
Regional Director

Ryan Banas
2025–2027 Asia Pacific
Regional Director

From the start of the year, the SPWLA Asia Pacific region has been very active with meetings and conferences. Here are some highlights, updates, and activities:

Bangkok Chapter

- SPWLA Bangkok is in the process of several initiatives to set up a student chapter at Chulalongkorn University. They are also in talks with Chiang Mai University.
- SPWLA Bangkok has had regular meetings this year.

Date	Speaker	Topic
29 Jan 2026	Alan Muhadjir Gowell	"Casedhole Case Studies From Around Southeast Asia"
26 Feb 2026	Dr. Saifon Daungkaew SLB	"Synergy of Intelligent Wireline Formation Testing Platform Together With Drillstem Testing to Unlock Hydrocarbon Potential in Asia Greenfield"
26 Mar 2026	Ryan Banas Petrores	"Take Your "*MCNP*" and Shove It: Introducing "*OpenMC*" for Nuclear Wireline Tool Modeling"

India Chapters

A new Bangalore Chapter is in the works pending approval:

- Chevron has initiated the process.
- Membership for the chapter is free this year, to gauge interest.
- Technical talks will be arranged within the petrophysics community as well as cross-discipline SMEs.
- Engagement with academia and student groups is set as a priority if the chapter is approved.

Mumbai SPWLA India

- Frans Mulders (Geoactive) gave a talk April 17 presenting "Going Full Cycle in a Wellbore Stability Case Study: From Pre-Drill Analysis to Post-Drill Evaluation."

Japan Chapter (JFES)

The following activities have been and will be scheduled under JFES for the whole year.

17 March 2026	Chapter meeting with JAMSTEC sponsored
16 April 2026	Online Distinguished Lecture Session
July 2026	Chapter meeting will be held as a hybrid session with Taisei Corporation sponsored (the exact date is to be decided)
7–9 October 2026	Annual Symposium near Tokyo area
December 2026	Chapter meeting will be held as a hybrid session – sponsor and the exact date is to be decided

Vietnam Chapter (VNFES)

VNFES is kicking off 2026 activities with a series of Technical Webinars by hosting Distinguished Lecture sessions from April to September 2026 to engage local petrophysics community before upcoming Executive Committee election.

The following Distinguished Speaker has been reviewed and confirmed for an online session:

- Marco Pirrone (Eni S.p.A.) – April 17, "Real-Time Monitoring of CO_2 Injection Through Fiber Optics"

SPWLA Universitas Pertamina Student Chapter (Indonesia)

Here are some highlights from the past with upcoming high-profile events for the next two months:

28 Feb 2026	**CORE MEMORY 2.0** is a sharing session through open discussion including shared experiences and strategies for navigating internship (KP lead by Haris Mubarok) and Final Project (TA lead by Jean Juliet Latupeirissa). Students were able to gain valuable prospectives that will support them in planning their KP and TA more effectively with motivation and guidance for approaching the final stage of their academic journey.
4 April 2026	**SPWLA CARE –** A collaboration with **PetroChina**. They will be visiting the **Al-Mizan Orphanage in Kemandoran, Jakarta**, to provide donations and engage in educational activities.
10 April 2026	**SPWLA UP SC Open House 2026 –** A grand networking event designed to introduce SPWLA's mission to a wider community of students and geosciences enthusiasts.
11 April 2026	**LOGGING 2.0 –** Our second flagship grand seminar, in collaboration with **EXPRO Indonesia**. This is a major event where we will host key executives for their first official visit to our university.
2 May 2026	**X-Train –** An intensive technical proficiency training for members, focused on empowering skills using Microsoft tools.
5 May 2026	**CAS 4.0 (Company Adventure Series) –** A direct field visit to **Pertamina EP Subang** to provide students with a real-world perspective on upstream operations.

Ryan Banas
Asia Pacific and Australia Regional Director
Director-Asiapacific@spwla.org

Join the Steering Committee of *The Bridge*!

Are you a young professional in petrophysics who's excited to share your ideas and experiences?
The Bridge, our newsletter section, is looking for volunteers to help shape content and keep the conversation going in our field.

Why Volunteer?

- **Share What You Know:** Writing for *The Bridge* gives you a chance to share your thoughts and expertise with others in the industry. It's a great way to contribute while making your voice heard.
- **Connect with Others:** Being on the Steering Committee means you'll meet and work with other young professionals, building valuable connections along the way.
- **Make a Difference:** You can help shape the direction of the petrophysics community by sharing stories and insights that resonate with others and inspire them.
- **Enhance Your Resume:** Volunteering as a content creator or editor showcases your leadership, commitment to the field, and ability to contribute to industry-wide dialogue—traits highly valued by employers.

If you're passionate about petrophysics and want to help build a bridge to the future, we'd love to have you on board!

To express your interest or learn more, please contact SPWLAYP@spwla.org.

SPWLA Young Professionals Newsletter

the bridge

SPWLA Papers of the Quarter Series

May 2026

The SPWLA Papers of the Quarter Series highlights relevant and impactful papers published by the SPWLA. We encourage readers to nominate any papers they have enjoyed and would like to see summarized in the next issue. Nominations should be sent to SPWLAYP@spwla.org.

Insights From Literature

Staying current with rapidly evolving petrophysical research is both necessary and challenging for SPWLA professionals. Each issue of *The Bridge* highlights ideas that matter most to our community, whether they move interpretation forward, challenge established workflows, or offer practical value across disciplines. In this editorial section, our Editor Issa Haddad provides a focused review of recent technical papers relevant to formation evaluation and reservoir understanding. Drawing from both academic and industry perspectives, Issa distills the key contributions of each paper, highlights their practical implications, and offers critical context for how these ideas fit within today's challenges in logging, petrophysics, and reservoir characterization.

These reviews are intended not only to summarize recent work, but to help readers quickly assess what is new, what is useful, and what deserves closer attention. We hope this section sparks further discussion and encourages deeper engagement with the evolving body of SPWLA-related research.

Title: Wettability-Based Pore Partitioning and Its Effects on Oil Recovery and Formation Damage in Unconventional Reservoirs

Author: Mohammad K. Aljishi, Yashwanth Chitrala, Son T. Dang, and Chandra Rai

Summary: This paper presents a quantitative framework integrating nuclear magnetic resonance (NMR) T_2, X-ray diffraction (XRD), Hawk TOC, and scanning electron microscopy (SEM) measurements, along with dual-fluid saturation experiments, to evaluate wettability and pore-type partitioning in unconventional reservoirs. The study demonstrates how single-fluid oil or water, and their combined presence, control fluid displacement behavior, recovery efficiency, and formation damage, highlighting that brine preferentially displaces oil in mixed-wet systems, while oil-wet carbonate-rich rocks retain hydrocarbons more strongly.

Key Points

1. **Methodology and Framework**

   A combined workflow of petrophysical characterization and fluid-interaction analysis was applied to 48 core plugs representing 12 lithologies, using NMR, XRD, HAWK TOC, SEM, FTIR, and dual-fluid saturation sequences (brine and dodecane). This enabled quantification of pore accessibility, wettability distribution, and displacement efficiency under ambient pressure and increased pressure steps up to the reservoir condition.

2. Fluids Saturation and Experiment Setup

- Forty-eight (48) 1-in. core samples were taken, reflecting different mineralogy, porosity, and organic matter content. Four (4) cores from the same depth were examined using NMR, XRD, HAWK TOC, and SEM technologies to assess wettability.
- Core plugs at each depth went through different saturation and flooding scenarios to evaluate different reservoir conditions and evaluate displacement efficiency:
    - Brine-saturated samples at ambient and high pressure
    - Dodecane (hydrocarbon) saturated core at ambient and high pressure
    - A brine-saturated sample and dodecane imbibition at ambient and elevated pressure steps to assess a mixed-wettability scenario.
    - Dodecane-saturated sample with brine imbibition at ambient and increased pressure steps to assess a mixed wettability scenario

NMR porosity was measured before and after completely saturating each sample with single-phase and mixed phases.

3. Dual-Fluid Displacement Insights

- Brine displaces oil more effectively than oil displaces brine.
- Oil struggled to remove brine from pores (strong brine retention).
- Significant oil displacement occurred spontaneously during brine imbibition, indicating brine-preferential affinity in mixed-wet systems.

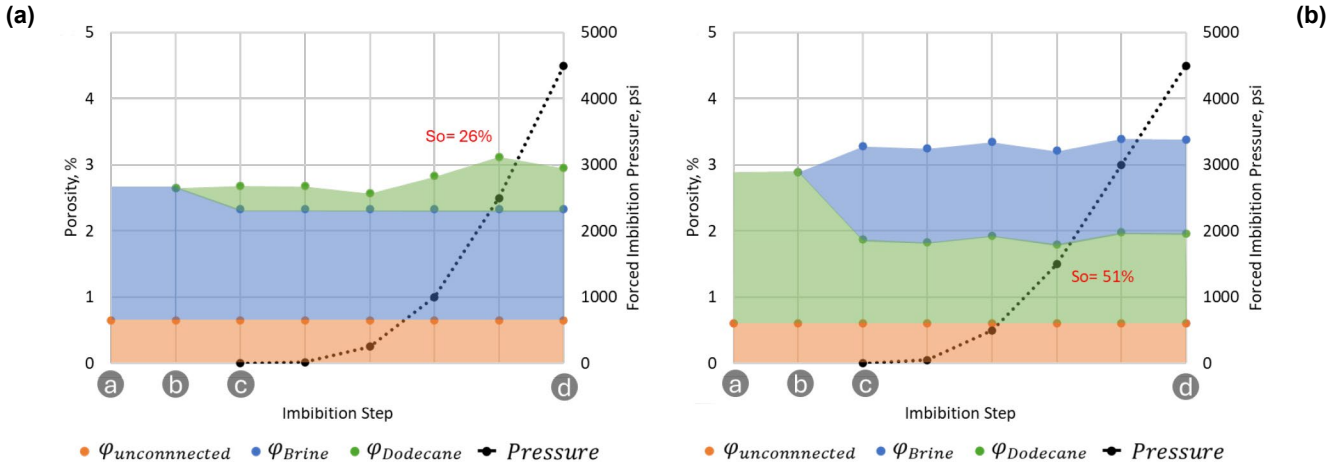


Fig. 1—Evolution of NMR fluid-filled porosity across Sequences C and D in Sample 3.

4. Wettability and Different Lithology

- Quartz-rich samples exhibit mixed-wet (~85%) with strong brine preference; moderate oil trapping (~44%).
- Clay-rich samples showed slightly higher oil-wet fraction; improved brine displacement efficiency (~74%).
- Carbonate-rich samples exhibit higher oil-wet pores (~36%), stronger oil retention, and reduced brine accessibility due to poor connectivity.

5. Wettability Partitioning Results

- Mixed-wet pores dominate most samples (~62 to 85%).
- Carbonate-rich rocks show higher oil-wet behavior.
- Pore-scale wettability strongly controls displacement pathways (parallel vs sequential flow).

6. Practical Implications

- Mixed-wet systems → benefit from moderate drawdown + brine-based recovery.
- Oil-wet (carbonate-rich) systems require higher pressure or wettability alteration (e.g., surfactants, CO_2).
- Improves decisions in fracturing design, completion fluids, and production optimization.
- The study introduces a quantified oil saturation threshold (26 to 71%), beyond which oil cannot be displaced by brine, providing a practical screening metric for flowback and recovery strategies.

7. Conclusion

The study highlights that integrating petrophysical rock and fluid analysis using NMR, XRD, SEM, and fluid-saturation simulation on core plugs can help understand wettability and fluid entrapment during primary production and EOR. The pore-type partitioning provides a more realistic understanding of fluid behavior in unconventional reservoirs. This approach reduces uncertainty in recovery mechanisms, optimizes production strategies, and minimizes formation damage by aligning reservoir management with lithology-driven wettability behavior.

Key Takeaways for SPWLA Members

- Wettability in unconventionals is highly heterogeneous and pore-type dependent.
- NMR is a powerful tool for tracking fluid accessibility and displacement, not just porosity.
- Mixed-wet pores dominate most unconventional reservoirs.
- Brine preferentially displaces oil, but only up to a measurable saturation threshold.
- Integrating mineralogy with NMR improves predictions of recovery and formation damage.

Reference

Aljishi, M.K., Chitrala, Y., Dang, S., and Rai, C., 2026, Wettability-Based Pore Partitioning and Its Effects on Oil Recovery and Formation Damage in Unconventional Reservoir, *Petrophysics*, **67**(2), 263–279. DOI: 10.30632/PJV67N2-2026a2.

Please help us

WELCOME

OUR

NEW EDITOR

the bridge

Wen Pan

Wen Pan is an AI researcher at Shell specializing in machine-learning applications for petrophysics and subsurface geoscience. His research focuses on generative models, uncertainty-aware modeling, and large-scale deep learning for seismic imaging, reservoir characterization, and rock-property prediction. He has extensive experience integrating geophysical data, petrophysical measurements, and high-performance computing to develop robust, data-driven interpretation workflows for both research and industrial applications.

ARGENTINE STUDENT CHAPTER

General News

We continue to promote initiatives to strengthen the connection between academia and the energy industry, with a particular focus on technological innovation and applied geosciences.

In this context, a new technical cycle was developed in collaboration with Geolog, bringing together students and industry professionals to explore cutting-edge solutions in formation evaluation, digital workflows, and data-driven methodologies. This initiative reinforces the chapter's commitment to providing high-quality technical content while fostering interaction with leading companies in the oil and gas sector.

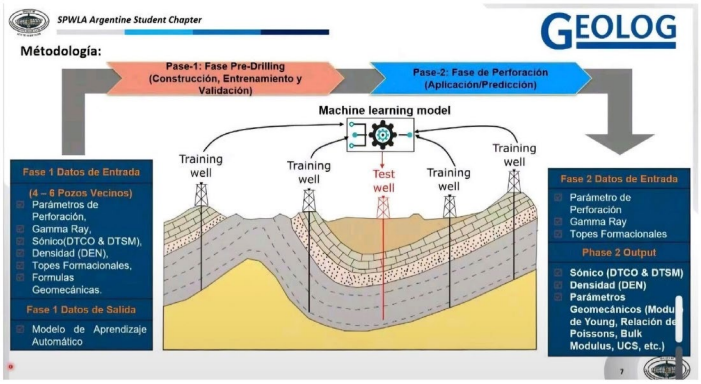
Through this series of talks, participants were exposed to real-case applications, emerging technologies, and practical challenges currently faced in unconventional reservoirs, contributing to their academic development and professional projection.

Recent Events

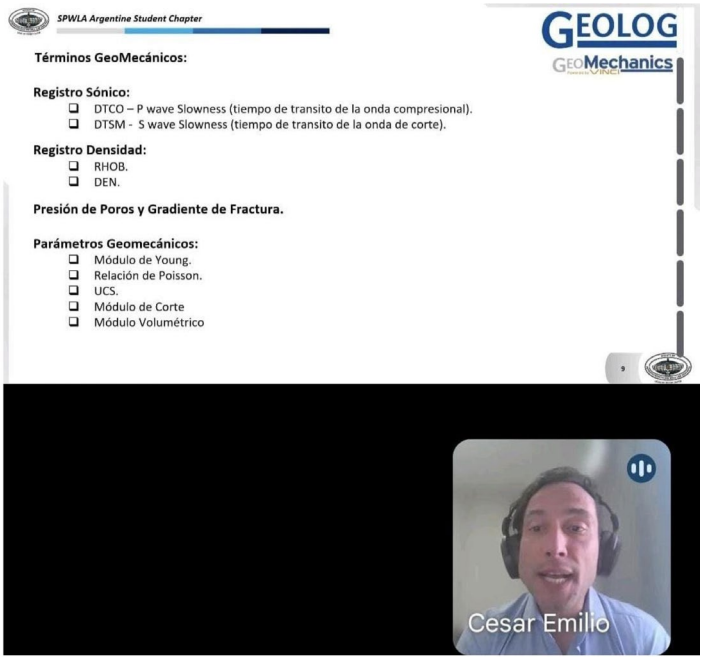
11–18 March 2026—Lecture Series "Geolog in Times of Optimization and Digital Strategies" | First and Second Conference: As part of this cycle, two technical presentations were delivered by César Lugo-G, an experienced professional in formation evaluation with an extensive international background in the oil and gas industry. The first presentation introduced an innovative real-time quantitative monitoring solution for drilling cuttings volume, applied in the Vaca Muerta Formation. This methodology enables comparison between theoretical and recovered cutting volumes, allowing early detection of hole-cleaning issues and instability in complex horizontal sections. The implementation of this approach demonstrated significant improvements in key drilling parameters, including rate of penetration (ROP), rotary speed (RPM), and flow rate. Additionally, it helped reduce nonproductive time (NPT), minimize the risk of stuck-pipe events, and optimize overall drilling efficiency. The solution proved particularly valuable in high-risk scenarios where conventional tools are limited, providing enhanced operational control and economic benefits. The second presentation focused on the generation of synthetic well logs using machine-learning techniques for geomechanical analysis. By leveraging data from neighboring wells, the proposed workflow enables estimation of sonic and density logs in new wells where data acquisition may be infeasible due to operational, economic, or safety constraints. Case studies conducted in unconventional environments such as Vaca Muerta highlighted the reliability of this approach as both a complementary tool and a potential substitute for physical logging data. This methodology represents a significant step forward in integrating digital technologies into subsurface characterization workflows. Both sessions encouraged active participation and discussion, allowing attendees to engage with advanced concepts and gain insights into real industry applications.

28 March 2026—Lecture Series "Geolog in Times of Optimization and Digital Strategies" | Third Conference: The series concluded with a third presentation by Dr. Agustín Kriscautzky (subsurface geosciences specialist, Geolog). This session focused on the characterization of unconventional reservoirs in the Vaca Muerta Formation using an integrated workflow that combines high-resolution drill cuttings images, artificial intelligence algorithms, and geochemical data (XRF), complemented by X-ray diffraction (XRD) analysis. The study involves identifying multiple lithotypes based on physical and geochemical parameters, subsequently grouped into lithofacies associations and sedimentary packages. The results reveal significant vertical and lateral variability, as well as the presence of tuffaceous, heterolithic, and carbonate components. Furthermore, variations in clay minerals, detrital silica, and redox indicators were identified, providing valuable information on reservoir heterogeneity and well trajectory behavior. The integration of UV images and mineralogical validation further strengthens the interpretation. This approach represents a robust, quantitative, and scalable methodology for reservoir characterization, with great potential to optimize well planning, target selection, and static modeling as new data become available.

Highlights from the presentation on synthetic log generation using machine learning for geomechanical-petrophysical analysis.



Overview of the methodology, including model training and application to subsurface data.



Key geomechanical parameters and logs used in the analysis.

Overview of the presentation during the SPWLA Distinguished Speaker Series.

Introduction to advanced reservoir characterization using AI-based cutting analysis.

The framework and objectives presented by the speaker.

Upcoming Events

In the coming weeks, we will continue to promote initiatives focused on academic development, technical training, and professional integration within the geosciences community.

As part of this new phase, we are pleased to announce the opening of the call for new members of the chapter's Steering Committee. This initiative seeks to recruit motivated students interested in actively contributing to the organization of technical activities, strengthening relationships with industry partners, and supporting the chapter's continued growth.

Being part of the committee represents a valuable opportunity to develop professional and interpersonal skills, expand networks, and gain experience in teamwork, leadership, and project coordination within an international professional society.

Furthermore, the chapter will continue to hold regular internal meetings, both virtual and in-person, to plan future activities, generate new ideas, and solidify its role as a dynamic space for learning and professional development.

To learn more about us:

- **Mail:** spwla.arg.sc@gmail.com
- **LinkedIn:** www.linkedin.com/in/spwla-argentine-student-chapter
- **Instagram:** https://www.instagram.com/spwlaarg/

BOREHOLE IMAGING (BHI) SIG

Upcoming Events

16 May 2026—At the SPWLA Annual Symposium, the BHI SIG will co-host a 1-day workshop together with the HAHZ SIG. This workshop offers an introduction to image and UDAR logs by investigating where they are used throughout the life cycle of a field. In the imaging module, the emphasis is on identifying and picking key stratigraphic, structural, and in-situ stress-related features. The UDAR module explores how the data from further away from the borehole is used, focusing on the process and applications. The workshop includes interactive feature detection and a simulated real-time geosteering exercise.

The BHI SIG plans to host another online workshop in the fall this year. This time, we will focus on carbonate-related topics. The workshop date and call for abstracts will be published within the next few months.

BRAZIL CHAPTER

General News

Our monthly meetings are held online, predominantly on the third Tuesday of each month at 4 pm BRT (UTC−03), via our **YouTube channel** (https://www.youtube.com/@spwlabrazil). Please consider subscribing to the channel and turning on notifications to stay updated on our latest videos. Anyone wishing to participate is welcome. Meetings are held in Portuguese or English, depending on the speaker's preference. Even if it is held in Portuguese, questions in English are also welcome!

Please consider subscribing to our **LinkedIn page** (SPWLA Brazil Chapter – https://www.linkedin.com/company/spwlabrazil/), where we post chapter updates and meeting links.

For further information about the chapter, please contact our secretary, Vitoria Flores (vitoria.flores@eneva.com.br).

Membership in our chapter is free and can be claimed by filling out the form available at https://lnkd.in/g4KQjYf.

We're excited to announce that we have launched our monthly meetings dashboard! Visit https://SPWLABRChapterdashboard to check the statistics for all registered monthly meetings delivered by our chapter.

Recent Events

Webinars

31 March 2026—We had **Maíra Cordeiro do Carmo** (Maíra Cordeiro do Carmo | LinkedIn, petrophysicist, Petrec, RJ) presenting "Gaussfit – Optimization of Porosity Partitioning Using NMR Log Data," which discussed how porosity partitioning can be automated through a multi-Gaussian deconvolution methodology applied to the T_2 distribution obtained from nuclear magnetic resonance (NMR) logs, enabling a more objective and consistent porosity classification to support rock typing and petrophysical characterization.

Upcoming Events

The SPWLA Brazil Chapter is planning its 2026 calendar of courses and webinar presentations, so stay tuned to our LinkedIn page and YouTube channel to keep up to date with our schedule.

DUTCH PETROPHYSICAL SOCIETY (DPS) CHAPTER

General News

The society welcomes Sproule ERCE as a silver-level sponsor.

Recent Events

5 March 2026—The spring quarterly meeting of the DPS was held at KIVI (Koninklijk Instituut van Ingenieurs) in The Hague, our usual venue, and was followed by a social gathering with drinks and snacks. The two presenters, for the first time in recent years, were both women, appropriately, as March 8 was International Women's Day. The theme of the meeting was rock and transport characterization of Dutch geothermal reservoirs and kicked off with a presentation entitled "Improving the Prediction of Mechanical and Thermal Reservoir Rock Properties of Dutch Geothermal Plays" by Parvin Kolah Kaj (Technical University of Delft), which described work carried out during her PhD thesis research. It focused

on thermal and mechanical properties of samples from prospective Dutch geothermal reservoirs and their correlation with porosity, mineralogy, and diagenetic processes. The study was based on an extensive laboratory data set from the Rotliegend, Buntsandstein, and Delft Sandstone formations. The second talk, entitled "Integration of Logs, BHI and Core With Well Test in Quantifying Flow Variation – A Case Study From Geothermal Scan Well (BLT-1) in the Netherlands," was given by Sanchita Ganguly (Energie Beheer Nederland (EBN)) and described core probe and plug permeability data obtained from a recently drilled well (De Bilt-01) passing through two prospective geothermal reservoirs, its correction to reservoir conditions and upscaling to match with well-test and PLT log data during injection. High-resolution borehole image logs showed that deviations (of more than an order of magnitude in some cases) between PLT injection permeability and average log permeability could be attributed to the presence of microfractures, whether open or mineralized. The meeting was well attended with some new faces as well as old ones. The photos show the speakers receiving their gifts at the end of their presentations.

Speakers Parvin Kolah Kaj and Sanchita Ganguly (left in both photographs) receiving their speaker gifts at the end of their presentations.

Upcoming Events

The next quarterly meeting is scheduled for June 4, 2026, and will feature presentations on NMR.

FORMATION EVALUATION SOCIETY OF MALAYSIA (FESM)

FESM, a local chapter of the Formation Evaluation Society of Malaysia, is based in Kuala Lumpur. Technical meetings are held monthly. For meeting information, please visit our chapter website at www.fesmkl.com.

Recent Events

No major society-wide updates last month. We encourage members to stay engaged with ongoing technical discussions, publications, and chapter activities.

Upcoming Events

FESM is pleased to announce an upcoming physical technical session in May, featuring a presentation by Hendrik Rohler on "CCS Petrophysics–Geomechanics–Rock Physics: A Worked Field Example – How to Improve our Monitoring Efforts." This in-person session will focus on the integrated application of petrophysics, rock physics, and geomechanics to carbon capture and storage (CCS). Drawing on a real-world field example, the presentation will showcase practical workflows and key learnings to enhance interpretation and strengthen CCS monitoring strategies. The event offers an excellent opportunity for knowledge sharing, technical discussion, and networking with fellow professionals interested in CCS and subsurface characterization. Final confirmation from the speaker is underway, and further details will be shared once it is confirmed.

Members are encouraged to stay tuned for further updates as we look forward to engaging and insightful sessions.

FRANCE CHAPTER

General News

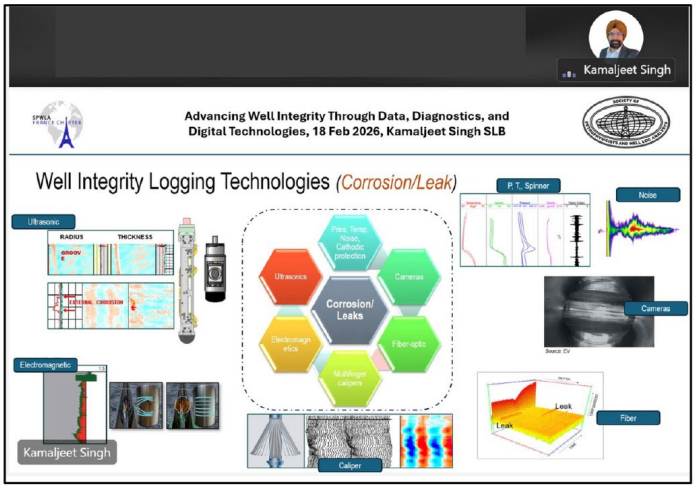
The first quarter of 2026 has been dedicated to acoustics and well integrity, two key domains at the heart of today's subsurface challenges.

Our well integrity focus is structured around a three-part webinar series, culminating in a joint seminar in June organized in collaboration with the SPWLA Acoustics SIG.

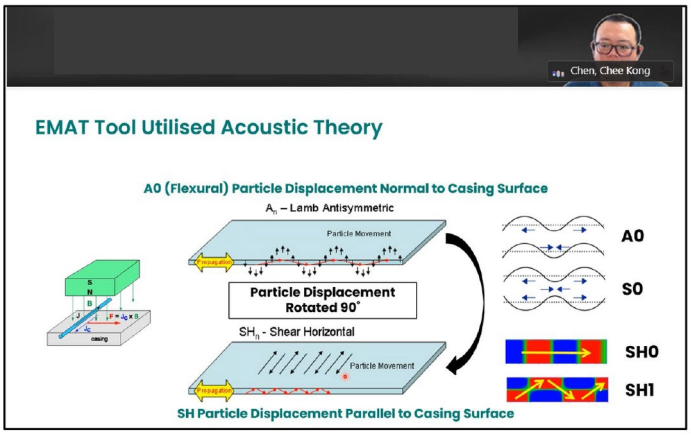
Recent Events

Over February and March, we hosted two high-quality technical webinars with strong engagement—welcoming up to 35 participants and confirming the growing interest in well integrity technologies:

18 February 2026—"Advancing Well Integrity Through Data, Diagnostics, and Digital Technologies" was presented by **Kamaljeet Singh** (downhole surveillance technical director, SLB).



18 March 2026—"Electromagnetic Shear and Flexural Attenuation Combination to Overcome Cement Evaluation Challenges in Modern Wells" was presented by Chee Kong Chen (Baker Hughes).

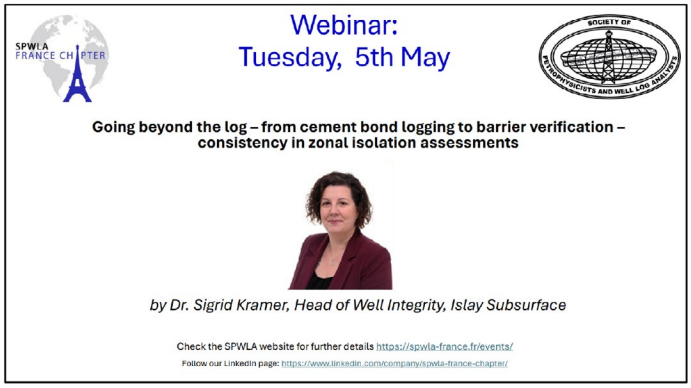


These sessions sparked valuable discussions and highlighted the importance of integrating advanced diagnostics and innovative approaches in well integrity.

Upcoming Events

Building on this momentum, SPWLA France continues its second-quarter program dedicated to well integrity. The series covers a broad spectrum of topics—from fundamentals and diagnostics to monitoring, remediation, and emerging technologies.

5 May 2026—Technical Webinar: "Going Beyond the Log – From Cement Bond Logging to Barrier Verification – Consistency in Zonal Isolation Assessments" by Dr. Sigrid Kramer (head of Well Integrity, Islay Subsurface). This webinar goes beyond traditional cement bond log (CBL) interpretation to explore a more robust, consistent approach to barrier verification.



For more information and event registration, please visit:

- **LinkedIn:** https://www.linkedin.com/company/spwla-france-chapter/
- **Website:** https://spwla-france.fr/events/

Stay tuned. More exciting events are coming your way in 2026!

HOUSTON CHAPTER

General News

Dear Members of the SPWLA Houston Chapter,

This is the ninth and final time that I will be writing this column as President of the 2024–2026 Executive Committee. It has not only been a privilege but also a great and fun experience, leading this chapter and its Board, stocked with great, talented individuals. Thank you, Ali, Andrew, Shan, Ronke, Zeyad, Tianmin, and Muhammad, for all your hard work, help, energy, and laughter. I will miss my interactions with all of you.

Just before the curtain closes, we have been announced as the 2025–2026 Outstanding Professional Chapter. This is only the fourth time in its long history that this honor has

been bestowed upon the Houston Chapter (previously: 1981, 1997, and 2010). I cannot think of any greater reward for all members for their continued commitment to technical excellence, member engagement, and support of the next generation of industry professionals.

I will not bore you all with a lookback, listing achievements from the past 2 years, but prefer to focus on our challenging yet exciting future.

With that, I want to draw your attention to the upcoming SPWLA 67th Annual Logging Symposium, May 16–20, 2026, at Margaritaville Lake Resort. Check out a great selection of interesting short-courses on Saturday and Sunday, a great keynote speaker opening the symposium on Monday, a fantastic Technical Program, a host of vendors showcasing their latest and greatest technologies and products in the exhibition hall, and the entertaining social program that allows for mingling, catching up with old (and new) friends and offers great networking opportunities.

Please read the details about the upcoming elections for the 2026–2028 Executive Committee of the SPWLA Houston Chapter. Following the nomination period, there will be elections, and the newly elected Board will take control after the 67th Annual Symposium in Lake Conroe.

Ron J.M. Bonnie
Houston Chapter President

Sponsors and Friends of the SPWLA Houston Chapter

Recent Events – Networking Meetings

The monthly networking events continue to be a hit with our members and are well attended. The February meeting (photo) was generously sponsored by TGS, and in March, we shared the venue with the Houston Geological Society's NeoGeos meeting. We witnessed serious "cross-pollination," with many going back and forth between the two groups.

Northside Technical Seminar & Lunch
Thursday, February 22, 2026
"Pore Pressure Prediction While Drilling: Three-Dimensional Earth Model in the GOA"
By Fausto Mosca (Stratum Reservoir)

Abstract

Subsalt Gulf of Mexico deepwater wells routinely cost more than $100 million. Reliable pore pressure prediction can translate into considerable savings in drilling costs and safety. Traditional methods for determining pore pressure are based on either logs (e.g., Eaton's or Bowers' methods) or seismic data (e.g., calibrated seismic velocities or acoustic impedance). Another method for pore pressure prediction is based on basin modeling: building a three-dimensional earth model and simulating the processes of pressure formation over geologic time. Recent advancements in basin modeling, such as coupling stress and pressure and implementing models for mineral diagenesis and rock failure, have significantly improved its applicability. However, no single method is universally accepted as better than another; therefore, using, comparing, and integrating all three methods in a predrilling project can provide greater confidence in pore pressure prediction. The purpose of this presentation is to describe a new approach to pore pressure prediction that combines the above methods with petroleum system modeling. A special emphasis is placed on explaining the basin modeling workflow. The first step of the workflow is to create and calibrate a regional model using a set of regional maps, with the main goal of providing regional context. The second step is to create a smaller-area-of-interest (AOI) model using high-resolution structural and facies maps. This refined model is then used to predict pore pressure at the prospect scale. The smaller AOI model, albeit at very high resolution, allows a model to be run overnight, so that pore pressure can be predicted ahead of the drilling bit. Finally, the predicted pore pressure and fracture gradient allow the drilling engineer to optimize operating performance and reduce drilling costs.

Biography

Fausto Mosca, a world-renowned basin modeler and petroleum geochemist, has joined Stratum Reservoir's OilTracers® Group. The OilTracers® consulting team specializes in integrating geochemical, geological, and engineering data to solve complex challenges throughout the field life cycle. Fausto is a master user of PetroMod (1D, 2D, 3D, TecLink 2D, and Stress Simulator), Trinity T3, and Genesis 1D, and is widely recognized for his leadership in basin modeling in complex thrust belt and salt tectonic settings. He brings extensive expertise in solving exploration, development, and production challenges through advanced organic geochemical analysis of gases, oils, and source rocks. He is also a recognized expert in pore pressure prediction while drilling and in the real-time interpretation of gas-while-drilling (GWD) data generated by advanced mud logging tools. Throughout his career, Fausto has served as a subject-matter expert with Agip, Shell, Devon, Nexen, and Murphy, working across nearly all major sedimentary basins worldwide, including Europe and the Mediterranean, the USA and Mexico, North, Central, West, and South Africa, Central America, South America (Pacific and Atlantic margins), Far East Asia, and Australia.

Technical Seminar and Lunch
Thursday, April 23, 2026
"The Good, The Bad, and The Ugly of Multifrequency Pad-Based Image Tools"
By Bernd Ruehlicke

Abstract

Back in ~2001/2002, Baker Atlas wrote a paper for the SPWLA 43rd Annual Symposium in Japan, introducing the EARTH Imager, a new microresistivity imaging device for use in oil-based mud. The idea (simply put) was to model the mud and rock as a capacitor and resistor in an AC circuit, allowing us to derive rock resistivity from the complex sensor signal. It was a major technological leap from the OBMI/OMRI/COI image log tools on the market at the time.

A second-generation tool was released around 2008/2009, leveraging multiple frequencies to address both high- and low-resistivity rocks. SLB's 8-arm NGI (Quanta Geo) was released around 2014, and Halliburton released its STX (StrataXaminer) around 2021, both with 6- and 8-arm setups – all recording complex impedance at multiple frequencies.

The presentation addressed what delivery one should expect and, at least partly, helped demystify how to leverage the full breadth of acquired data (real, imaginary, magnitude, phase angle) to support the interpretation of detected features and put them into geological context. Image examples were provided to represent the good, bad, and ugly of this technology, to foster discussion and might therefore be thought-provoking on purpose. A few mathematical equations may be unavoidable, but nothing more complicated than Pythagoras, basic trigonometry, and vector calculus.

Biography

Bernd Ruehlicke is the president of Eriksfiord, Inc. He leads the numerical group in Eriksfiord as a senior image

and sonic log specialist with 30 years of experience in processing and applying image and sonic logs to geology and geomechanics. Bernd's first exposure to Image Logs was in 1993 when joining Z&S Geologi in Stavanger to develop geological applications for RECALL (Halliburton). Bernd was President of the SPWLA-Houston Chapter (2022–2024) and was a SPWLA Distinguished Speaker 2021–2022. He holds an MSc in theoretical mathematics, a BSc in computer science from Aarhus University, Denmark, and an MBA from the University of Houston-Victoria.

Virtual/Online Seminar
Wednesday, April 29, 2026
"Refining Rock Type Input Properties to Extend the (Physics-Based) Thomas-Stieber Shaly Sand Model in Order to Generate Calibrated Permeability Estimates From Triple-Combo Logs"
By William Hovarth

Abstract

An extended interpretation model for thin-bedded/shaly sand interpretation has been constructed to address heterogeneous reservoir architecture in systems that violate the original assumptions of the Thomas-Stieber model. For thin-bedded shaly sands in the central deepwater Gulf of Mexico, where the Thomas-Stieber model was developed, the foundational assumptions are: shale is the only porosity reducer, shale in laminations, bounding shales, structural and dispersed clays are the same (ie., clay minerals in all shale types are consistent as is the total porosity associated with each shale or clay type). Other characteristics of the system in the central GOM include: rapid deposition has resulted in compaction disequilibrium overpressure development and undercompacted shales for a given burial depth, and the system is at maximum burial depth present-day (there has been no uplift). In contrast to the conditions in the GOM, for thin-bedded shaly sands on the north slope of Alaska, the thin-bedded system under investigation has been more deeply buried and uplifted, the entire system is normally compacted, and the properties of laminar, structural, and dispersed clays differ. These heteroliths require a more rigorous interrogation procedure than the original assumptions included in the Thomas-Stieber model. Discrete properties for laminar shale, dispersed clay, and structural shale were determined from high-resolution SEM imaging and image analysis, and verified using NMR and acoustic-logging data from the wellbore. The discovery that dispersed clay and laminar shale indeed possess differing porosity values presents the opportunity to propose that the dispersed clay endpoint of the Thomas-Stieber triangle be permitted to be determined independently. Currently, the dispersed clay endpoint is fixed in most industry software applications and represents the product of both the gamma ray and density values selected for the interpreter's laminar shale and clean sand endpoints.

Upcoming Events
Virtual/Online Seminar
Thursday, May 7, 2026
"Learning Across Wells: Artificial Intelligence for Missing Resistivity Log Reconstruction"
By Dr. Behzad Ghanbarian (director of iResearchE3 Lab, UT Arlington)

Abstract

Resistivity logs are widely used in petrophysics to estimate the amount of oil, gas, or water present in a reservoir. However, these logs are not always available because they may not have been recorded in some wells due to cost or operational constraints. This study presents an artificial intelligence approach that reconstructs missing resistivity logs by learning from both the available measurements in a well and information from nearby wells. The proposed model analyzes common well logs such as gamma ray and density porosity from the target well and combines them with similar logs and resistivity measurements from neighboring wells. These wells are connected in a data-driven network that allows the model to learn how geological properties vary both vertically within a well and laterally across multiple wells. The method was tested using data from 142 wells in the Groningen gas field. Results show that incorporating information from surrounding wells significantly improves predictions compared with conventional deep-learning methods that treat each well independently. In fact, the new approach reduces prediction errors by more than 40%. Overall, the results demonstrate that learning relationships between wells can successfully recover missing resistivity logs, even when no resistivity measurements are available in the target well. This approach provides a practical and scalable tool for improving reservoir characterization when log data are incomplete.

Biography

Dr. Behzad Ghanbarian is an associate professor in the Department of Earth and Environmental Sciences at The University of Texas at Arlington and the director of the iResearchE3 Lab. His research focuses on applying modern techniques in artificial intelligence and data science to address

complex real-world challenges in energy, environmental systems, and industry. Behzad has authored more than 150 peer-reviewed journal articles and three books. He currently serves as President of the SPWLA Dallas Chapter and is an active member of the American Geophysical Union (AGU), Society of Petrophysicists and Well Log Analysts (SPWLA), and Society of Petroleum Engineers (SPE). Behzad received the Donald L. Turcotte Award in Nonlinear Geophysics from the American Geophysical Union in 2015 and has been recognized among the top 2% of scientists worldwide (Stanford/Elsevier ranking) from 2021 to 2025.

Technical Seminar and Lunch
Thursday, June 25, 2026 – SLB, 6350 West Sam Houston Parkway North, Houston, TX 77041
"Full Automation, High Performance and Novel Insights: A New Sonic Processing Framework"
By Chongbing Liu

Abstract

Sonic measurements play a crucial role in well construction and reservoir evaluation, and sonic processing software is essential for accurately and in a timely manner transforming raw data into operational insights. This presentation introduces a new, fully automated, high-performance sonic processing framework that delivers novel insights.

The structure of the framework includes common modules such as unpacking raw sonic waveforms, preparing input data, (D)STC processing, Alford rotation, and computing compressional and shear slowness. The framework also incorporates sonic data classification to quickly characterize azimuthal anisotropy and borehole condition.

The key techniques that enable full automation and high performance are as follows:

1. Multi-resolution tracking (MRT) is an analysis of monopole data for compressional and shear slowness that uses automatic peak detection across multiple receiver levels, removing the need for subjective, manual labeling after semblance processing.
2. Machine-learning-aided dipole inversion (MLADI), which computes shear slowness from dipole waveforms using a physics-based machine learning without the need for parameter tuning, unlike traditional (D)STC processing.
3. Sonic data classification, which uses machine learning and MLADI outputs to classify azimuthal anisotropy, borehole ovality, and VTI features in vertical wells.
4. Integration of complex work steps into a single workflow without user interaction.
5. High-performance computing (HPC) methods, including parallel processing and MPI, to parallelize independent computation steps and process multiple depths simultaneously whenever feasible.

This sonic processing framework accelerates the transformation of raw sonic waveforms to interpretation-ready outputs, completing in hours rather than days.

Biography

Chongbing Liu is a senior software engineer in the Interpretation Engineering group at the SLB-Houston Formation Evaluation Center. He joined Schlumberger in 2018. His expertise includes software development, well-logging interpretation, cloud-native development, high-performance computing, and machine learning. Chongbing received his master's degree in geophysics from China University of Geosciences in 1994 and his PhD in computer science from New Mexico State University in 2008. He is a member of SEG.

SPWLA Houston Chapter Board Elections

Dear Members oft he SPWLA Houston Chapter,

You may have seen earlier announcements and "forewarnings" of the upcoming elections for the 2026–2028 Executive Committee of the SPWLA Houston Chapter. A timeline of our upcoming elections is below. There is still time to vote. Please exercise your right to do so.

Critical date	Action
Monday, April 13, 2026	Call for nominations email to members
Friday, April 24, 2026	Final day to receive nominations (20:00 Houston Time)
Sunday, April 26, 2026	Call for elections with candidates announced
Wednesday, April 29, 2026	Open Elections
Wednesday, May 13, 2026	Close Elections (by 23:59 Houston Time)
Friday, May 15, 2026	Announce election results
Wednesday, May 20, 2026	New Board takes control after 67th Annual Symposium in Lake Conroe

HYDROCARBON RESOURCES (HR) SIG

General News

The Hydrocarbon Resources Special Interest Group (HR SIG) continues to advance SPWLA's technical mission through active contributions to reserves, resources, and storage evaluation standards. Over the past quarter, the SIG has focused on supporting the ongoing update of the PRMS Application Guidelines, including refining definitions, recommended data sources, and interpretive guidance for porosity and water saturation. These updates form part of a broader effort to strengthen clarity and consistency across the PRMS framework.

In parallel, the SIG is contributing to the development of a new guidance document for the CO_2 Storage Resource Management System (SRMS) and Geothermal Resource Management System (GRMS), reinforcing alignment between hydrocarbon, storage, and hydrothermal resource classification systems and ensuring that petrophysical inputs are treated with the same level of rigor across each framework.

Recent Events

The SIG recently held a Technical Lecture by Dr. Steve Cuddy, who presented "Total vs. Effective Porosity: Measurement, Interpretation, and Implications for Reservoir Modeling." Drawing on more than 50 years of experience across Schlumberger, BP, and Baker Hughes, Steve highlighted the practical and conceptual distinctions between total and effective porosity and their impact on reservoir modeling and hydrocarbon resource assessment. The session was well attended and generated strong discussion among members. These discussions will help guide the SIG in updating the Petrophysics chapter of the PRMS Application Guidelines.

Upcoming Events

A major highlight for 2026 is the SIG's workshop at the SPWLA Annual Symposium in Lake Conroe on 16 May, titled: "Petrophysics for Reserves, Resources, and Storage Estimation: Aligning With PRMS and SRMS." This full-day workshop will bring together practitioners from across the industry to examine the critical role of petrophysical inputs in estimating reserves, resources, and storage. Key themes include:

- Best practices for defining and validating rock and fluid properties
- Alignment of petrophysical workflows with PRMS and SRMS expectations
- Approaches for incorporating uncertainty into volumetric and probabilistic assessments
- Opportunities for improved integration between petrophysics, geoscience, and reservoir engineering

The workshop is designed to foster crossdisciplinary dialogue and reinforce the SIG's leadership in promoting consistency, transparency, and technical rigor in resource evaluation. Registration details are available on the SPWLA Symposium website.

Philip Gibbons (Hydrocarbon Resources SIG President) and Javier Miranda (SPWLA President-Elect and Past Hydrocarbon Resources SIG President) discussing the workshop plan and agenda.

Our Vision

"Be the reference for petrophysicists and log analysts in the definition and estimation of hydrocarbon resources while providing minimum standards, norms, and guidelines for the analysis of petrophysicsrelated data used as an input in the reserves and resources estimation."

Our Mission

"To promote the fundamental value that the science of petrophysics and log analysis delivers to the approved methods of quantitative estimation of hydrocarbon resources and provide guidance for the definition of rock properties in the assessment of hydrocarbon resources and future updates of reserves and resources."

Get Involved

The HR SIG welcomes participation from across the SPWLA community. Members interested in contributing to upcoming events, proposing technical topics, or joining the organizing team are encouraged to get involved. The SIG thrives on active engagement, and new voices are always welcome as we continue to share good practices, support industry standardization, and track the evolution of petrophysical measurements and workflows.

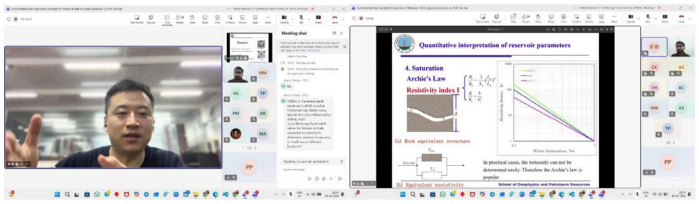
IIT ISM STUDENT CHAPTER

General News

The chapter is reaching out to industry professionals and domain experts to schedule upcoming technical talks. In parallel, members are discussing potential problem statements and publicly available data sets to organize a hackathon. Efforts are also underway to connect with industry partners to explore real-world challenges for students to address, fostering practical learning and stronger collaboration between academia and industry.

Recent News

18 March 2025—The chapter hosted Prof. Xin Nie (Yangtze University, Wuhan, China) for a technical session on "Fundamentals and Application Examples of Reservoir Well-Logging Evaluation." The lecture bridged fundamental principles with advanced quantitative techniques for parameter estimation and interpretation of log data. The inclusion of practical case studies from both conventional and unconventional reservoirs made the talk exceptionally valuable and engaging for all participants.



Prof. Nie addressing the queries of participants during the technical session.

3–5 April 2026—The chapter organized a three-day workshop titled "Decoding the Subsurface: A Python Workshop on Petrophysical and Geophysical Data Analysis." The workshop provided participants with a strong practical foundation in well logging, petrophysical interpretation, and data visualization using Python. The participants included students from multiple departments.

Day 1: Prof. Partha Pratim Mandal delivered an introductory talk on "Basics of Petrophysics," covering fundamental log data. This was followed by a hands-on session in which participants were introduced to the LAS and DLIS file formats and learned how to load and analyze them using Python.

Day 2: Prof. Sayantan Ghosh delivered a lecture on "Introduction to RCAL and SCAL," discussing various core analysis methods and the petrophysical information derived from them. This was followed by a hands-on session where participants were introduced to log data quality control, the basic well analysis workflow, and interpretation.

Day 3: Prof. Saumen Maiti delivered a talk titled "Introduction to AI and Machine Learning in Geosciences," highlighting the importance of mindful application of AI in geoscience and various models and their use cases across diverse scenarios. The hands-on session on Day 3 focused more on seismic, introducing participants to seismic data file formats, handling, and visualization, and having them perform a well-to-seismic tie.

Students during the technical session.

Students during the hands-on session, with student volunteers assisting them.

Upcoming Events

20 May 2026—Technical Session (TBA)

JAPAN CHAPTER

Recent Events

17 March 2026—129th JFES Chapter Meeting: The 129th JFES Chapter Meeting was hosted by JAMSTEC (Japan Agency for Marine Earth Science and Technology). We welcomed 17 in-person attendees and more than 30 online participants.

Presentation 1

Title: "Capturing Spatiotemporal Changes After the 2011 Tohoku-Oki Earthquake: Insights From the Japan Trench Drilling Projects (JFAST and JTRACK)"
Speaker: Yohei Hamada (JAMSTEC)

Presentation 2

Title: "Integrated True Color Borehole Image: Finding Formation Property Changes Within the Image"
Speaker: Chiaki Morelli (SLB)

Lively discussion during the chapter meeting.

Informal icebreaker with presenters.

16 April 2026—2026 Distinguished Lecture event (online only): Our Distinguished Lecture drew more than 50 registrants.

Presentation

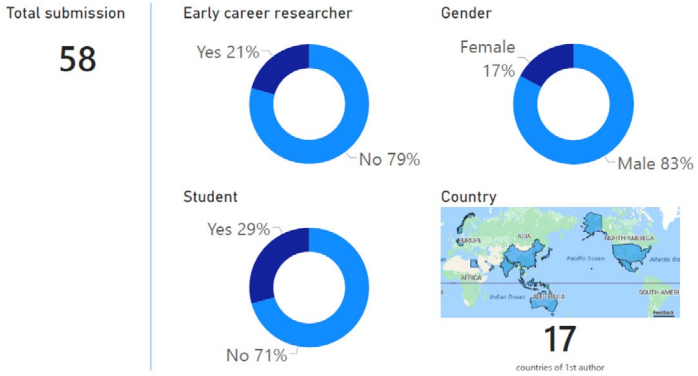
Title: "Advanced Logging Techniques for Characterizing a Complex Turbidite Reservoir in the Norwegian Sea"
Speaker: Andrew Mburu (Harbour Energy)

Upcoming Events

7–9 October 2026—JFES Annual Symposium 2026: We are currently organizing the 2026 JFES Annual Symposium, scheduled to take place from October 7–9, 2026. Many authors responded to our Call for Abstracts (the deadline was April 14, 2026), and a total of 58 abstracts were submitted from 17 countries worldwide. Based on these submissions, we expect to prepare an engaging program for all attendees.

Topics of the Symposium will be:

- Geomechanics (Special Theme)
- Formation Evaluation of Conventional and Unconventional Reservoirs
- New Technology/Advanced of Logging and Sampling
- New Technology in Subsurface (Geophysical, Geological, Petrophysical, and Reservoir)
- Case Studies From Oil and Gas, Geothermal, New Energy, CCUS, Geo-Engineering, and Scientific Drilling



Overview of the abstract submissions for the JFES Annual Symposium 2026.

KAUST STUDENT CHAPTER

Recent Events

16 February 2026—The SPWLA KAUST Student Chapter hosted an online technical seminar by **Dr. Chicheng Xu** (OpenPetro AI). He presented a talk titled "Universal Data-Driven Permeability Modeling by Connecting MICP Analytics With Big Data," presenting a generalized data-driven method leveraging large core data sets to estimate permeability across a diverse range of geological formations.

Photo during the seminar by Dr. Chicheng Xu at King Abdullah University of Science and Technology, Kingdom of Saudi Arabia.

26 February 2026—The SPWLA KAUST Student Chapter hosted a technical seminar delivered by **Prof. Shuyu Sun** (Tongji University). He delivered a talk titled "Thermodynamically Consistent Numerical Modeling for Multiphase/Multicomponent Flow in Deformable Porous Media," introducing novel numerical methods designed to address challenges in modeling multicomponent gas flow in poroelastic media and immiscible two-phase flow in poro-viscoelastic media.

Group photo after the seminar by Prof. Shuyu Sun at King Abdullah University of Science and Technology, Kingdom of Saudi Arabia.

7 April 2026—The SPWLA KAUST Student Chapter hosted a technical seminar delivered by **Ms. Marie Van Steene** (SLB). She delivered a talk titled "Aspect-Ratio-Dependent Pore-Size Distribution From MICP and From NMR Measurements," presenting how pore aspect ratio (AR) influences pore-size distributions (PSD) derived from MICP and NMR T_2 data, and further deriving AR-controlled PSDs for reference, stiff, and crack pore systems in carbonate rocks.

Group photo after the seminar by Ms. Marie Van Steene at King Abdullah University of Science and Technology, Kingdom of Saudi Arabia.

LONDON PETROPHYSICAL SOCIETY (LPS)

General News

The London Petrophysical Society (LPS) continues to build momentum into 2026, delivering high-quality technical events and fostering an active professional community across England and Wales and the wider SPWLA network. Our program of lectures, conferences, and collaborative activities remains central to our mission to advance petrophysics and support knowledge exchange.

We extend our sincere appreciation to our sponsors for their continued generosity and commitment. Their support enables the LPS to host technical meetings, provide accessible online lectures, and maintain a vibrant community hub at the Geological Society.

We also welcome new companies interested in sponsoring the LPS for the coming year. Organizations wishing to support our activities are encouraged to contact the VP Sponsorship for further information.

Recent Events

The first quarter of 2026 has been particularly active, with a diverse set of technical engagements.

23–25 March 2026—SPWLA UDAR Topical Conference: The LPS was proud to host the SPWLA UDAR Topical Conference, hosted at the Geological Society. The threeday meeting brought together international experts to discuss advances in ultradeep azimuthal resistivity (UDAR), geosteering, and reservoir mapping and included opening remarks from the SPWLA President Bob Gales, LPS President Phil Gibbons, and the Technical Committee Co-Chairs Nigel Clegg and David Holbrough. Sessions highlighted emerging applications, case studies from complex wells, and the evolving role of UDAR in real-time decision making. Attendance was strong throughout, reflecting the growing interest in high-resolution subsurface imaging technologies. A huge thank you to the UDAR Technical Committee for putting together an excellent agenda and to the LPS Committee for organizing this three-day topical conference.

Opening remarks from SPWLA President Bob Gales and a vibrant lecture theatre during the technical presentations.

The Lower Library poster session brought together attendees for rich technical discussions and informal networking, with SPWLA President-Elect Javier Miranda and LPS President Phil Gibbons joining the conversations.

Burlington House (left), home to the Geological Society, where the topical conference took place, and speaker gifts (right).

16 April 2026—Online Lecture – Dr. Per Erik Berger (CoreAll): The LPS hosted an online lunchtime lecture delivered by Dr. Per Erik Berger (CEO, CoreAll). His presentation, “Enhancing Coring Efficiency and Quality With Logging While Coring and Coring While Drilling,” explored an integrated technical solution combining logging while coring with a downhole convertible drill bit. The talk provided a compelling case study on improving operational efficiency and core quality. The presentation generated lively discussion among attendees from across the LPS community.

Upcoming Events

The LPS has an exciting program planned for the months ahead, and members are encouraged to register early and share these opportunities within their networks.

21 May 2026— Evening Lecture: Our next inperson Evening Lecture will take place in May at the Geological Society. Full details, including speaker and topic, will be announced shortly via the LPS website and LinkedIn page.

18 June 2026—Operations Geology Conference 2026 – "Evolution": The LPS is pleased to support the 2026 Operations Geology Conference, themed "Evolution" at the Geological Society, Burlington House. This year's program will highlight emerging practices, operational innovations, and crossdisciplinary approaches within the operations geoscience community. The agenda is currently being finalized; however, registrations are now open. Please see the LPS website, email distribution, and/or our LinkedIn page for further details.

NORWEGIAN FORMATION EVALUATION SOCIETY (NFES)

General News, Month	Title	Presenter	Affiliation	CGard	Teams	Total
Jan. 26	New Insights into the Understanding of Sand Injectite Complex Using Advanced Log Data, Ultradeep Resistivity Inversions, and Outcrop Field Observations	Sayyid Ahmad	Geoscientist and image log analyst at Halliburton	23	9	32
Feb. 26	Integrating Calibrated Mud Gas Analysis into Formation Evaluation Workflows - Experience from a Norwegian Oil Field	Maneesh Pisharati	Surface Logging Domain Champion with SLB	35	11	46
Mar. 26	Reservoir quality in deep sandstone prospects, what are the main controls	Olav Walderhaug	Senior specialist within the fields of diagenesis and reservoir quality prediction with Equinor	25	8	33
Apr. 25	Wellbore Damage Identification Combining High-Resolution Ultrasonic Images and Time-Based Drilling Parameters	Priscila Caldas	Geoscience Solution Advisor at Halliburton	18	5	23

Recent Events

4 March 2026—Monthly Technical Meeting: NFES hosted a very interesting talk given by Olav Walderhaug (Equinor) with the following title: **"Reservoir Quality in Deep Sandstone Prospects, What Are the Main Controls."**

NFES Technical meeting, March 4, 2026, in Stavanger. Irada Yusufova (VP Technology and Social Media) presents the NFES ice bear in gratitude for a well-attended and delivered presentation by Olav Walderhaug (to the right).

8 April 2026—Monthly Technical Meeting: NFES hosted a very interesting talk given by Priscila Caldas (Halliburton) with the following title: **"Wellbore Damage Identification Combining High-Resolution Ultrasonic Images and Time-Based Drilling Parameters."**

NFES Technical meeting, April 8, 2026, in Stavanger. Dler Mirza (NFES President) presents the NFES ice bear in gratitude for a well-attended and delivered presentation by Priscila Caldas (to the right).

NFES 2026 Sponsors

Logtek · Harbour Energy · HALLIBURTON · slb · AkerBP · Hydrophilic · WELL ID · equinor

NMR SIG

General News

The NMR SIG would like to congratulate the newly elected SPWLA officers and those being honored with technical and service awards at the 2026 SPWLA Annual Symposium. It's great to see so many current and former NMR SIG members recognized for the contributions they've made within our organization and field.

We would like to congratulate Nate Bachman (Past President NMR SIG) on being elected as North America Regional Director 1. We are confident that he will continue to bring enthusiasm and dedication to his next leadership role within the SPWLA.

In addition, congratulations to Harry Xie (former NMR SIG President) and Ron Bonnie (NMR SIG President) for being recognized with the Distinguished Technical Achievement Award, as well as Radu Coman (NMR SIG President-Elect) with the Meritorious Technical Achievement Award.

The NMR SIG is electing two new board members. New board members are nominated from within the NMR SIG to serve a 3-year term on the board and elected by the greater SPWLA NMR SIG membership. Responsibilities of board members include participating in monthly remote board meetings (via Teams), contributing to at least one SIG activity or subcommittee (e.g., conferences, education, communications), and supporting NMR SIG events and initiatives as time permits. Join our SIG if you want to be a part of these elections in the future.

👉 Follow SPWLA NMR SIG on LinkedIn to keep up to date on the latest announcements and news.

Upcoming Events

The NMR SIG has been actively shaping a dynamic and impactful 2026. We look forward to seeing you at our upcoming events!

NMR SIG Workshop at SPWLA 2026 Annual Symposium

Registration is open for the full-day workshop organized by the NMR SIG at the 2026 SPWLA Annual Symposium in Lake Conroe, titled: "From Core to Wellbore: Understanding NMR LWD and Its Relationship to Wireline and Core NMR." The instructors for the workshop are Nate Bachman (SLB), Ron Balliet (Halliburton), Ron Bonnie (SPWLA NMR SIG), Radu Coman (Baker Hughes), Gabor Hursan (Aramco), and Olabode Ijasan (ExxonMobil). Interactive exercises will reinforce key concepts, helping participants understand how pore size, fluid and rock properties, and tool design influence NMR responses. While the primary focus will be on LWD, attendees will gain insights relevant to wireline and core NMR, making this workshop valuable for a broad range of petrophysicists. The course is intended for students, early career professionals, and experienced petrophysicists, and does not require prior NMR experience.

SPWLA 2026 NMR SIG Conference and Call for Abstracts

Who can think of a better combination than autumn in Germany and talks about NMR? We hope you will join us at our next NMR conference in Celle, Germany, September 10–11, 2026. The conference is a focused, in-person, off-the-record technical forum for candid exchange in NMR petrophysics, NMR logging, NMR core analysis, NMR data processing & correction, and NMR sensor technology for subsurface applications. The conference will include a keynote presentation by Matthias Appel (chief scientist – Physics & Earth Sciences at Shell), along with an invited contribution from Ridvan Akkurt (University of Colorado Denver), Christoph Arns (UNSW Sydney), Bruce Balcom (University of New Brunswick), Bernhard Blümich (RWTH Aachen), Martin Hürlimann (Harvard University), Yi-Qiao Song (Harvard University), Philip Singer (Rice University), Boquin Sun (Chevron), and Harry Xie (Zealax). We would like to thank our sponsors Baker Hughes and Green Imaging Technologies.

For additional sponsorship opportunities, please contact NMR@spwla.org. Abstract submission is open, get yours in today! Look for additional updates on our NMR SIG webpage and on the SPWLA NMR SIG page on LinkedIn.

OKLAHOMA CITY CHAPTER

General News

SPWLA OKC Technical luncheons are held at Vast on the second Tuesday of the month from 11:30 am to 1 pm.

Recent Events

10 March 2026—Ezgi Gursel (Datum) and Chenxi Xu (Impac Exploration Services) presented "Enhancing Interpretability and Transparency Using Physics-Informed Cascade Machine Learning for Geomechanical Log Reconstruction From Mineralogy in Data-Sparse Unconventional Wells."

15 April 2026—Chandramani Shrivastava (SLB) presented "Borehole Imaging at the Bit: Where Are We Headed With RETINA."

SAUDI ARABIA CHAPTER

Recent Events

11 February 2026—Marie Van Steene delivered her Society of Petrophysicists and Well Log Analysts (SPWLA) Regional Distinguished Lecture titled "Aspect-Ratio-Dependent Pore-Size Distribution From MICP and NMR Measurements" to the KFUPM Students Chapter. The lecture highlighted the significant impact of pore geometry assumptions commonly used when deriving pore-size distributions from MICP (IPTC-23659) and NMR (SPWLA-2025-0074) data. Marie presented advanced methodologies that account for more complex pore geometries and demonstrated how additional pore-shape information can be integrated, including insights derived from acoustic measurements. The event was opened by Dr. Ali Yousef (dean of CPG at King Fahd University of Petroleum and Minerals), who emphasized the importance of strengthening knowledge exchange between academia and industry. The session was well-attended by students and faculty, followed by engaging discussions at the lunch gathering. The SPWLA Saudi Chapter extends its appreciation to the KFUPM Students Chapter for successfully organizing this insightful event.

Marie Van Steene received a token of appreciation from Dr. Ali Yousef.

17 February 2026—The SPWLA Saudi Arabia Chapter hosted a Lunch and Learn session featuring a presentation titled "Obtaining Interfacial Tension of Reservoir Fluids at Reservoir Conditions" by Mohammed Al-Hamad (researcher, SLB). The presentation emphasized the critical role of accurate interfacial tension (IFT) measurements in reservoir evaluation, reserves estimation, and production planning. Conventional methods for determining IFT at reservoir conditions are often complex and resource-intensive, involving downhole sampling, transportation to laboratories, fluid conditioning, and specialized instrumentation operated by skilled personnel. The study (SPWLA-2024-0129) introduced a practical solution for integrating IFT estimation into existing reservoir fluid testing workflows. The session was well-attended and held at the Baker Hughes DTC Auditorium. The SPWLA Saudi Chapter extends its sincere thanks to SLB and Baker Hughes for their support in hosting this successful event.

Mohammed Al-Hammad presenting his talk in SPWLA Lunch and Learn event.

SOUTHWEST CHINA CHAPTER

Recent Events

10–13 April 2026—The 2nd International Geo-Energy Frontier Forum was held in Zhengzhou, Henan Province. Under the theme "New Opportunities and Challenges in Earth Energy Exploration and Development," the forum aimed to establish a high-level international academic exchange platform, advance fundamental theoretical innovations and key technological breakthroughs in the field of earth energy, promote interdisciplinary integration across geology, engineering, materials science, and information technology, and empower self-reliance and innovation in energy technology. The event attracted global experts, scholars, researchers, engineers, and young talents from the energy sector to participate in this prestigious gathering. The executive committee members of the SPWLA-SW China Chapter participated in the 2nd International Geo-Energy Frontier Forum. Professors Xin Nie, Yuhang Guo, and Wenlian Xiao served as convener and moderator for the session titled "New Advances in Logging Stratigraphic Evaluation and Reservoir Dynamic Monitoring" and "Multiscale Phase Behavior and Flow Experiment and Simulation Technology in Unconventional Oil and Gas Reservoirs," while Professors Wenlian Xiao and Meng Chen delivered a keynote report titled "Research on Advanced CO_2 Flooding for Oil Recovery Based on Nuclear Magnetic Resonance and High-Temperature High-Pressure Visualization Technology" and "Dynamic Monitoring Methods for Non-Continuous Fluid Media in Horizontal Wells and Flow Profile Inversion." Professor Xiao's report focuses on exploratory research into advanced gas injection technology for enhanced oil recovery in tight oil. Professor Chen's presentation focused on dynamic monitoring of noncontinuous fluids in horizontal wells, using advanced sensors and inversion algorithms to estimate production rates across different sections, enabling precise identification of flow profiles to support efficient oilfield development. Dr. Jiahuan He, who also moderated the session "Experimental Studies on Reservoir Seepage in Oil and Gas Reservoirs," presented a report titled "Current Status and Challenges in Experimental Simulation for Mid-to-Late Development of Water-Bearing Gas Reservoirs." Addressing the issue of waterflooding-induced difficulties in extracting natural gas from late-stage water-bearing gas reservoirs, the report reviewed experimental progress from small-scale pore studies to large-scale modeling systems, as well as current technical challenges. Professor Wang Fei, as an invited guest speaker for the special session "Unconventional Reservoir Petrophysical Modeling and Exploration," delivered a presentation titled "Research on Igneous Rock Lithology Identification by Fusing XGBoost Feature Selection and CNN-LSTM-Attention Network." He introduced an innovative method that fuses XGBoost feature screening with an advanced CNN-LSTM-Attention neural network to efficiently and accurately identify lithology categories of subsurface igneous rocks, providing a more reliable technical means for the exploration and evaluation of complex oil and gas reservoirs. Associate Professor Li Meng delivered a presentation titled "Full-Waveform Inversion Method of Casing-Borehole Ultrasonic Flexural Waves for Quantitative Characterization of Cement Defects." This presentation was based on casing-borehole ultrasonic flexural-wave data, employed the full-waveform inversion method to quantitatively characterize cement defects, and provided technical support for cementing-quality evaluation.

Group photo of representatives attending the SPWLA-SW China Chapter Executive Committee meeting.

The committee members' participation demonstrated the profound academic expertise and innovative vitality of the branch scholars in Earth energy, thereby expanding the global influence of the SPWLA-SW China Chapter in logging and rock physics.

Group photo of experts at the 2nd International Geo-Energy Frontier Forum.

SOUTHWEST PETROLEUM UNIVERSITY STUDENT CHAPTER

Recent Events

10 April 2026—The Southwest Petroleum University SPWLA Student Chapter held a presentation on its operational management framework and announced the launch of its first academic paper competition to standardize organizational operations, enhance the academic atmosphere, and promote students' research capabilities. Members of the Executive Committee and representatives from various departments attended the event. During the session, the Executive Committee provided a comprehensive introduction to the Operational Management Framework of the Southwest Petroleum University SPWLA Student Chapter. Starting from the chapter's mission and development goals, they elaborated on the organizational structure, departmental responsibilities, and membership management system. It was emphasized that the chapter focuses on geophysics, well-logging evaluation, and rock physics, aiming to build a high-level platform that integrates academic exchange, research practice, and capability development. Regarding the organizational structure, the Executive Committee clarified the division of responsibilities and coordination mechanisms. The President oversees overall development and external relations, while the Vice Presidents are responsible, respectively, for academic competitions, publicity, and administrative affairs. Each department plays a vital role in execution, with the Secretariat, Publicity Department, and Academic Competition Department ensuring the efficient and orderly implementation of all activities through clearly defined responsibilities. In addition, the meeting introduced the membership recruitment and evaluation system. The chapter adheres to the principle of "selective admission and dynamic management," recruiting outstanding members through application and interview processes, and fostering continuous development through semester-based evaluations to strengthen team cohesion and execution. As a key highlight of the event, a representative from the Academic Competition Department officially announced the First Academic Paper Competition of the Southwest Petroleum University SPWLA Student Chapter. The competition, themed "Application and Development of Geophysical Well-Logging Technology in Oil and Gas Exploration," is open to chapter members and students from related majors. It aims to encourage participants to focus on cutting-edge topics in the field and to enhance their research and academic writing abilities. This presentation not only deepened members' understanding of the chapter's operational framework but also further stimulated students' enthusiasm for academic research. The chapter stated that it will continue to organize high-quality academic activities, foster a strong research environment, and support students in exploring and advancing within their professional fields.

The Chapter Executive Committee delivered the presentation.

In addition, chapter member Ren Jitian (PhD student at Southwest Petroleum University) was recently invited to attend the 2nd International Frontier Forum on Earth Energy, where he delivered an academic presentation titled "Experimental Study on Steady-State Three-Phase Relative Permeability of CO_2 Flooding Based on Nuclear Magnetic Resonance Technology." The research addresses the challenge of precisely characterizing the three-phase (oil, gas, water) flow behavior during CO_2 displacement processes. By utilizing low-field nuclear magnetic resonance (NMR) technology to monitor dynamic changes in phase saturation within the core online, combined with a steady-state experimental procedure, the study systematically measured the three-phase relative permeability curves for oil-gas-water under varying CO_2 injection conditions. The results elucidate the evolution patterns and mutual interference mechanisms of three-phase flow capacity during CO_2 flooding, providing crucial experimental evidence to optimize CO_2 flooding development strategies and select numerical simulation parameters in low-permeability reservoirs. Ren Jitian's presentation was rich in content and logically rigorous, garnering widespread attention and positive feedback from attending experts. This further demonstrates the Southwest Petroleum University SPWLA Student Chapter's active role in cultivating graduate students' capabilities in international academic exchange and cutting-edge scientific research.

PhD candidate Ren Jitian giving an academic presentation.

UFC STUDENT CHAPTER — BRAZIL

General News

The chapter has produced several educational publications on petrophysics and geosciences across social media (Instagram and LinkedIn). During the months of March and April, seven different topics were published; Saturation, permeability, and well logging are among the subjects covered in the chapter's social networks.

Recent Events

April 2026—The SPWLA UFC Student Chapter, in collaboration with the SEG-EAGE UFC and AAPG UFC Student Chapters and with the support of the Brazilian Geophysical Society (SBGf), hosted the lecture **"Geosciences Creating Value in the Energy Transition, Security and Diversification."** The talk was delivered by PhD **Paulo Johann** (Petrobras).

SPWLA UFC – Social Networks

LinkedIn: https://www.linkedin.com/company/ufc-spwla-student-chapter/
Instagram: https://www.instagram.com/ufcspwlasc/
YouTube: https://www.youtube.com/@spwlaufcstudentchapter

UIS STUDENT CHAPTER COLOMBIA

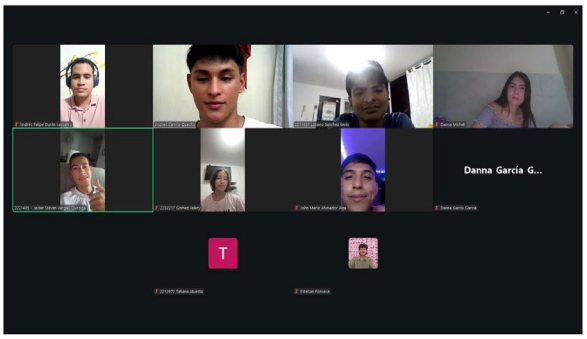
Board of Directors

President: Kevin Yesid Lozano Sanchez
Vice President: Andres Camilo Quecho Berrio
Fiscal: Laura Valentina López García
Secretary: Dayana Pérez Lore
Treasurer: Danna Michel Avedaño Pereira

An orientation activity was held to welcome the new members to the chapter. This event took place in a fun, engaging atmosphere that encouraged participation, camaraderie, and a smooth transition for the new members.

A meeting was held with the team members to review progress on previously scheduled activities, evaluate progress, and coordinate the necessary actions for their proper development.

A series of talks and a course are planned, which will be taught by the company Halliburton.



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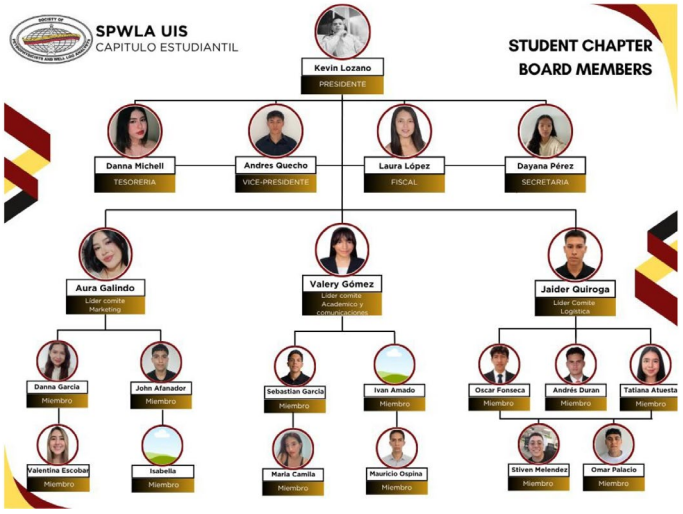
15 April 2026—A meeting was held with the new official members of the chapter, with the aim of reviewing the progress of the planned activities, strengthening internal organization, and defining strategies for the development of upcoming academic and logistical events.

The chapter now has a newly defined organizational structure that allows for an appropriate distribution of responsibilities and efficient management of activities.



SPWLA UIS/Social Networks LinkedIn: https://www.linkedin.com/company/spwla-uis-student-chapter/
Instagram: https://www.instagram.com/spwlauis/?hl=es-la
YouTube: https://www.youtube.com/c/SPWLAUIS
Facebook: https://es-la.facebook.com/SPWLAUIS

UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO STUDENT (UERJ) CHAPTER

General News

The SPWLA UERJ Student Chapter, inaugurated in November 2025, continues to grow and fulfill its mission as an active student chapter created by geology students from the Universidade do Estado do Rio de Janeiro. Under the dedicated leadership of President Rafaela Nunes and Vice President Nycole Ribeiro, our primary focus remains on fostering closer ties with the oil and gas industry while providing accessible technical training in petrophysics and well data analysis. We actively encourage a practical, applied learning environment for all our members through the ongoing organization of short courses, workshops, professional lectures, technical visits, and initiatives to develop soft skills and enhance overall student engagement.

Recent Events

27 February 2026—Our chapter has been highly active recently with a diverse range of hands-on activities and professional engagements. We successfully hosted our first mini-course, "Automated Lithological Classification From Well Logs Using Machine Learning," which provided an excellent opportunity to integrate geology, petrophysics, and data science in practice. The session was held in Room 4032F at UERJ and taught by Layra dos Santos Moura Pedroso (a geologist who graduated from the Universidade Federal Rural do Rio de Janeiro and is an E&P technical data analyst at the Agência Nacional do Petróleo, Gás Natural e Biocombustíveis (ANP)). Alongside this, we held a practical Cuttings Description Course that provided valuable laboratory experience, and our student members proudly represented our chapter at the Rio Pipeline & Logistics event.

Students during the mini-course "Automated Lithological Classification With Machine Learning."

30 April 2026—As we continue our schedule of technical activities and engagements, we are excited to announce two upcoming professional online lectures scheduled, both presented by Jeferson Santos (geologist). The first lecture, titled "Deciphering the Reservoir: How the Integration Between Petrophysics and Rock Data Generates Robust Reservoir Characterization and Predictability," will explore how integrating laboratory analyses like RCAL and SCAL can greatly improve reservoir modeling. This session covered the fundamentals and applications of rock types, hydraulic flow units, and global hydraulic elements, highlighting how different textures, structures, and diagenetic events affect petrophysical data and control fluid flow. Following this, the second lecture, titled "Artificial Intelligence in Geosciences: Will We Be Replaced?," will thoroughly discuss the advances, potentials, limitations, and impacts of AI tools on the training and professional practice of geoscientists. Beyond these events, our committee is in the active planning phase for the next semester's schedule, organizing new opportunities to connect our students with the industry, and we look forward to announcing our officially confirmed calendar of practical workshops and field visits in the upcoming newsletters.

UNIVERSITY OF HOUSTON STUDENT CHAPTER

General News

We organized the Student Paper Contest to showcase students' work and provide feedback from industry experts. This competition provided a great opportunity for students to share their work, see how they could improve it, and see what they are doing well.

Recent Events

Student Paper Contest

The Student Chapter proudly hosted the 2026 Student Paper Contest, showcasing an impressive range of research topics that extended well beyond traditional petrophysics and well-log analysis. The presentations highlighted the growing role of subsurface science in the energy transition, featuring diverse and forward-looking themes, including:

- Hydrogen storage
- Carbon capture, utilization, and storage (CCUS)
- Nuclear waste management
- Well logging and petrophysical analysis
- Integrated subsurface characterization

This remarkable breadth of work reflects the growing centrality of modern geoscience and petrophysics in solving next-generation energy challenges.

PhD Category Winners

Franklyn Javier Ángel Sáez – 1st Place
Talha Khan & Musfika Rahman – Joint 2nd Place

MSc Category Champion

William Horvath

We sincerely thank our distinguished judges for their time, expertise, and invaluable feedback:
Ron J.M. Bonnie, PhD – President at Houston Chapter of SPWLA
Chicheng Xu, PhD – OpenPetro AI
Amer Hanif – Baker Hughes
Clara Palencia – Founding President of the SPWLA UH Student Chapter
Juan Garcia – ConocoPhillips
Ahmed Kasha – SLB

A special thanks to Dr. Chicheng Xu for the gifts presented to the winners, a truly appreciated gesture of encouragement and support. Events like this demonstrate the evolving impact of petrophysics, well logging, and subsurface science across the broader energy landscape.

Student Paper Contest.

Baker Highes Visit

The day began with Mr. Adam Zumwalt, who talked about his experience in Baker Hughes and the career opportunities. Then, the field trip began with a safety briefing and PPE session at the Tomball Education Center, followed by an engaging rig tour that explored logging units and advanced logging tools. It was exciting to see how theoretical concepts translate into real-world operations. Sincere thanks to Mr. Amit Thakur for his guidance throughout the visit and for taking the time to teach us about the logging tools and the rig. For some students, it was their first time seeing an oil rig in person. His detailed description made it easy to understand how it works at the industry level. After lunch, we visited the Rankin Road facility for a comprehensive tour. We explored several key areas with Mr. Oliver Torres and Mr. Amer Hanif, including material inspection labs, root cause analysis, manufacturing engineering, additive manufacturing, and tool technology labs. Seeing the test wells, flow loop systems, and formations lab firsthand gave deeper insight into the technologies driving the energy industry. The highlight of the day was a series of mini presentations by geoscientists, where they shared their roles and experiences within the Geoscience group. Their insights provided a clearer perspective on career pathways and real-world applications of our studies. A big thanks to Mr. Amer Hanif, who helped us from the beginning with permissions and all. SPWLA UH Student chapter is really grateful, like always. Thanks to the Baker Hughes team for their time, guidance, and hospitality throughout the day. Experiences like this continue to bridge the gap between academic learning and industry practice.

At the Baker Hughes facility.

29 April 2026—Webinar: UH Petroleum Engineering student William Horvath presented a talk titled “Refining Rock Type Input Properties to Extend the (Physics-Based) Thomas-Stieber Shaly Sand Model and Generate Calibrated Permeability Estimates From Triple-Combo Logs.”

Upcoming Events

We plan on arranging a trip to the Houston Museum of Natural Science to provide another learning opportunity for students. Lastly, we will be holding officer elections for the next academic year soon.

THE UNIVERSITY OF TEXAS AT AUSTIN STUDENT CHAPTER

General News

On behalf of the SPWLA University of Texas at Austin Chapter, we are pleased to share highlights from February through April 2026. This period marked the continuation of our Distinguished Speaker Program, the expansion of our People of Energy speaker series, and preparations for upcoming chapter activities.

During these months, our board organized two People of Energy sessions and prepared for participation in the

Longhorn Run event. In parallel, we coordinated invitations and scheduling for upcoming Distinguished Speakers in April and continued planning technical and outreach activities for the remainder of the semester.

Recent Events

20 February 2026: People of Energy: Mark G. Kittridge (Oxy): Our chapter hosted Mark G. Kittridge (principal and manager, QI Geophysics at Oxy) as part of the People of Energy series. His presentation, "On the Utility of the Shear Modulus in Rock Physics Model Development: Robust Workflows for Compressible High-Porosity Siliciclastic Reservoirs," introduced a stress-dependent rock physics workflow for high-porosity reservoirs. The talk demonstrated how shear modulus-based calibration enables fluid-independent model tuning and improves seismic interpretation and reservoir characterization in unconsolidated sands.

People of Energy session with Mark G. Kittridge (Oxy).

8 April 2026—People of Energy: Shahid Azizul Haq (Wellquest Consulting Inc.): Our chapter welcomed Shahid Azizul Haq (executive advisor, Wellquest Consulting Inc.) for the second session of the People of Energy series. His talk, "Produced Water: From Pore to Pipeline to Power," reframed produced water as a diagnostic output of subsurface processes rather than a surface handling issue. The session connected reservoir properties, fluid chemistry, and well performance to broader energy system considerations, including reuse pathways and infrastructure design.

People of Energy session with Shahid Azizul Haq from Wellquest Consulting Inc.

18 April 2026—Longhorn Run – SPWLA UT Austin Chapter participation.

22 April 2026—Distinguished Speaker – Mohammad Al Hamad (SLB)

24 April 2026—Distinguished Speaker – Agustin Kriscautzky (Geolog)

27 April 2026—Distinguished Speaker – Diogo Salim (SLB)

YANGTZE UNIVERSITY STUDENT CHAPTER

Recent Events

10–13 April 2026—The 2nd International Geo-Energy Frontier Forum was held in Zhengzhou, Henan Province. The four-day conference, themed "New Opportunities and Challenges in Earth Energy Exploration and Development," attracted over 700 experts, scholars, and graduate students from nearly 100 domestic and foreign universities, research institutes, and production units to participate in the conference and deliver presentations.

The 2nd International Geo-Energy Frontier Forum was held in Zhengzhou, Henan Province.

Members of the SPWLA Yangtze University Student Chapter also participated in the event and delivered presentations. Jian Song presented "Numerical Simulation of Coal and Rock Acoustic-Electrical Properties Based on Digital Core Models," which utilized CT-scanned digital core models to study acoustic and electrical characteristics of coal and rock through numerical simulations. The research revealed underlying patterns and influencing factors, providing theoretical support for reservoir evaluation. Hengyang Lü presented "Transformer Framework for Formation Depth Perception in Reservoir Permeability Parameter Prediction," an innovative Transformer-based framework that integrates formation depth information. By leveraging deep learning to extract features from multisource data, the framework achieves high-precision permeability parameter prediction, offering intelligent tools for reservoir assessment. Qianzhe Mei presented "Research on Fracture Effects on Reservoir Acoustic-Electrical Characteristics Based on Digital Core Models." Utilizing CT-scanned digital core models, the study investigated how fractures influence reservoir acoustic and electrical properties, elucidated their underlying mechanisms, and provided theoretical foundations for reservoir evaluation. Sen Liu reported on "Multi-Scale Shale Digital Core Porosity Component Control Factors Analysis and Logging Prediction Methods." Building on multiscale shale digital core models, the presentation analyzed key factors that control porosity components and developed a logging-data-based prediction method for porosity composition, offering critical insights for shale reservoir assessment. Shasha Wu presented "Research Progress on Intelligent Fluid Identification Based on Logging and Well-Logging Data," systematically reviewing the latest advancements in intelligent fluid identification technologies that integrate logging and well-logging data. The presentation covered data preprocessing, core algorithm models, typical applications, existing challenges, and future prospects, aiming to provide references for related research and practical applications. Siqi Zhang presented "Research on Particle Recognition in Tight Sandstone CT Images," focusing on tight sandstone CT images. By employing image processing techniques to conduct particle recognition, the study analyzed particle characteristics and distribution patterns, providing fundamental data for reservoir property evaluation.

Members of the SPWLA Yangtze University Student Chapter delivered a report at the 2nd International Geo-Energy Frontier Forum.

Energy Frontier Forum

The active participation of the SPWLA Yangtze University Student Chapter members in this event enhanced their team collaboration and academic presentation skills, significantly broadened their academic horizons, and laid a solid foundation for further promoting interdisciplinary innovation in the field of geo-energy.

Members of the SPWLA Yangtze University Student Chapter take a group photo with attending experts.

Welcome New Members – February 18, 2026–April 18, 2026

Abdullin, Ayrat, King Fahad University of Petroleum and Minerals, Khobar, Saudi Arabia
Adjei, Derrick, University of Louisiana at Lafayette, Lafayette, LA, United States
Akomolafe, Fauzan, ECC, Lagos, Nigeria
Alabdullah, Batool, King Fahad University of Petroleum and Minerals, Alhassa, Saudi Arabia
Alghirash, Mohammed, King Fahad University of Petroleum and Minerals, Dhahran, Saudi Arabia
AL-Hakami, Mohammed, King Fahd University of Petroleum and Minerals, Saudi Arabia
Alharbi, Salman, King Fahad University of Petroleum and Minerals, Dhahran, Saudi Arabia
Aljurf, Samer, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Almoalleem, Hussain, King Fahd University of Petroleum and Minerals, Safwa, Saudi Arabia
Alomari, Abdulrahman, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
AlShammari, Reem, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Alvayed, Dandi, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Armenta, Valarie, Intertek Westport Technology Center, Houston, TX, United States
Atolagbe, Joshua, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Augusto, Yasmin, UFC – Federal University of Ceará, Fortaleza, Ceará, Brazil
Avendaño Pereira, Danna, Universidad Industrial De Santander, Bucaramanga, Colombia
Awadh, Ahmad, Halliburton, Hawally, Kuwait
Babalola, Funmilola, University of Louisiana at Lafayette, Lafayette, LA, United States
Bai, Jiaming, Jilin University, Changchun, China
Ball, Philip, Keele University, Houston, TX, United States
Baluta, Alfredo, University of Louisiana at Lafayette, Lafayette, LA, United States
Basabe, Daniel, Universidad Nacional De Colombia, Bogota, Colombia
Baser, Shahadat, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Batista, Vanessa Vida, Federal University of Bahia, Salvador, Brazil
Benavides, Marcia, SLB, Bogota, Colombia
Bertoch, Austin, EOG, San Antonio, TX, United States
Bevan, Dan, Navitas, Thame, Oxfordshire, United Kingdom
Bikchandaev, Eduard, Halliburton, Al Khobar, Saudi Arabia
Boamah, Samuel Kakra, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Chaipornkaew, Laainam, PetroRes, Bangkok, Thailand
Coqueco Vargas, Jesus, Ecopetrol, Villavicencio, Colombia
Crisafulli, Domenico, University of Texas at Austin, Austin, TX, United States
Cuevas, Romulo, ROGII, Palma De Mallorca, Spain
Cusack, Charles, Recoil Resources, Houston, TX, United States
De Kort, Daan, Shell, Amsterdam, Netherlands
De Souza, Gabriel, Federal University of Ceará, Fortaleza, Brazil
Dhahir, Dirie, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Dias, Rodrigo, WIISE, Rio de Janeiro, Brazil
Ebrahim, Youssef, King Fahd University of Petroleum and Minerals, Dammam, Saudi Arabia
Fregene, Abel, University of Louisiana at Lafayette, Lafayette, LA, United States
Galindo Sandoval, Aura, Universidad Industrial De Santander, Bucaramanga, Colombia
Garcia, Steven, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Ghannam, Zahrah, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Gómez Velásquez, Valery, Universidad Industrial De Santander, Bucaramanga, Colombia
Gonçalves, Félix, Core Lab, Rio De Janeiro, Brazil
Gonus, Jeremy, Swiss Geological Survey, Bern, Switzerland
Gray, Christopher, Baker Hughes, Pitlochry, Perthshire, United Kingdom
Haddad, Issa, Continental Resources, Richmond, TX, United States
Hamed, Salma, King Fahd University of Petroleum and Minerals, Daha Ran, Saudi Arabia
Hardikar, Nikhil, Halliburton, Stavanger, Rogaland, Norway
Hassan, Gasser, Halliburton, Al Khobar, Saudi Arabia
Hassan, Ahmed, King Fahd University of Petroleum and Minerals, Dammam, Saudi Arabia
Haugvaldstad, Kjell, SLB, Stavanger, Norway
Headland, John, SLB, Houston, TX, United States
Hossein Zadeh, Ahmad, Equinor, Trondheim, Norway
Huang, Xinglei, Jilin University, Changchun, China
Husain, Taha, Shell, Katy, TX, United States
Ibrahim, Ismaeel, University of Louisiana at Lafayette, Lafayette, LA, United States
Idowu-Anifowoshe, Nnamdi, University of Louisiana at Lafayette, Lafayette, LA, United States
Ighodalo, Endurance, Saudi Aramco, Dhahran, Saudi Arabia
Ikwelle, Emmanuel, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia,
Jain, Hiral, King Fahd University of Petroleum and Minerals, Udaipur, India
Joc, Georgiana, University of Bucharest, Bucharest, Romania

Jumaa, Mahmoud, King Fahad University of Petroleum and Minerals, Dhahran, Saudi Arabia
Kabanda, Patrick, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Khan, Abdul Wadood, Shell, Lucknow, India
Khan, Arshad, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Khan, Fahad, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Khan, Waqas Ahmed, King Fahad University of Petroleum and Minerals, Dhahran, Saudi Arabia
Le Calvez, Jean-Luc, SLB, Clamart, France
Lean, Jonathan, Consultant, Spring, TX, United States
León Suárez, Mayra, Universidad Industrial De Santander, Bucaramanga, Colombia
Lionel, Degermann, LDGELEC, Sauvagnon, France
Lopez, Luis, BP, Houston, TX, United States
Lopez Garcia, Laura, Universidad Industrial De Santander, Bucaramanga, Colombia
Lv, Xintong, Jilin University, Changchun, China
Maity, Soumyajit, The University of Texas at Arlington, Arlington, TX, United States
Mamun Ur Rashid, Mohammad, King Fahad University of Petroleum and Minerals, Dhahran, Saudi Arabia
Manzoor, Abdul Ahad, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Matovu, Stewart Peter, King Fahd University of Petroleum and Minerals, Dammam, Saudi Arabia
McCormick, Peter, Petromac, Auckland, New Zealand
Mekacher, Bedis, University of Louisiana at Lafayette, Lafayette, LA, United States
Mills, Aedan, University of Louisiana at Lafayette, Canton, GA, United States
Miranda, Maria, University of Houston, Houston, TX, United States
Mitchell, Janaiyah, University of Louisiana at Lafayette, Lafayette, LA, United States
Moh-Ali, Abdelaziz, Texas A&M University, Bryan, TX, United States
Mohd Bukhari, Dini Dalila, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Morales, Adriana, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Moura, Francisco, Halliburton, Rio De Janeiro, Brazil
Moyer, Christopher, OXY, Magnolia, TX, United States
Mukherjee, Subhrojit, Shell, Kolkata, India
Murillo, Duberney, EOG Resources, Katy, TX, United States
Nandwani, Sarita, Shell, Houston, TX, United States
Nege, Kassem, ENEVA, Rio De Janeiro, Brazil
Nkie-Ndion, Audrey, SNPC, Pointe-Noire, Congo
Nuetor, Francis, University of Louisiana at Lafayette, Lafayette, LA, United States
Obeng, Prince, University of Louisiana at Lafayette, Lafayette, LA, United States
Ojoboh, Emuobosa, University of Tulsa, Broken Arrow, OK, United States
Okeke, Nnaemeka, University of Louisiana at Lafayette, Lafayette, LA, United States
Oladele, Derrick, University of Louisiana at Lafayette, Lafayette, LA, United States
Oliveira, Vinicius, ENEVA, Rio De Janeiro, Brazil
Oliveira, Jonas, Federal University of Ceará, Fortaleza, Brazil
Ortegón Rojas, Laura, Universidad Industrial De Santander, Bucaramanga, Colombia
Osman, Mazin, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Oyeniyi, Isaac, California State University Bakersfield, Bakersfield, CA, United States
Patel, Zishan, King Fahd University of Petroleum and Minerals, Ankleshwar, Saudi Arabia
Patel, Dharti, Shell, Ahmedabad, India
Pazos, Jhonatan, Baker Hughes, Conroe, TX, United States
Percival, Jeff, Cordax Evaluation Technologies, Houston, TX, United States
Pérez Lore, Dayana, Universidad Industrial De Santander, Bucaramanga, Colombia
Puentes, Edgar, SLB, Bogota, Colombia
Qi, Yingyu, Halliburton, Singapore, Singapore
Qiu, Yixin, Jilin University, Changchun, China
Quecho Berrio, Andres, Universidad Industrial De Santander, Bucaramanga, Colombia
Quintero, Ricardo, Cordax Evaluation Technologies, Sugar Land, TX, United States
Rafiq, Jawad, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Ramirez, Sebastian, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Raza, Ahmed, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Rendall, David, Spirit Energy, Aberdeen, United Kingdom
Reynolds, Amanda, University of Kentucky Geologic Survey, Lexington, KY, United States
Saiyed, Mohammed Hasnain, King Fahad University of Petroleum and Minerals, Khobar, Saudi Arabia
Sassali, Luciana, CAPSA/CAPEX, Vicente Lopez, Buenos Aires, Argentina
Silva, João, WIISE, Rio De Janeiro, Brazil
Song, Jiayu, Jilin University, Changchun, China
Sorrentino, Michael, US-Coring, Houston, TX, United States

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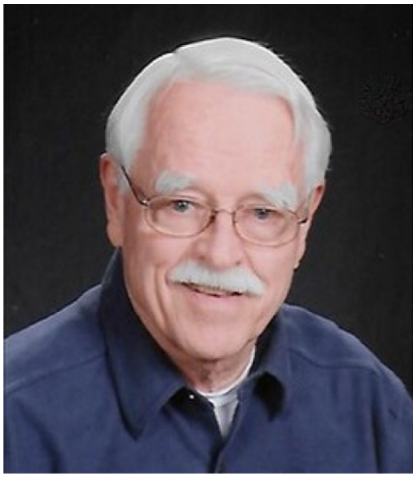
Stark, Jerrika, The University of Texas Permian Basin, Midland, TX, United States
Sultan, Jood, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Umar, Abdulmalik, King Fahd University of Petroleum and Minerals, Kano, Nigeria
V, Sruthi, Shell, Palakkad, India
Vargas Quiroga, Jaider, Universidad Industrial De Santander, Bucaramanga, Colombia
Verbeeck, Marielle, The University of Texas at Arlington, Beaverdam, VA, United States
Vira, Cut, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Vo, Tan Tai, The University of Oklahoma, Norman, OK, United States
Wang, Han, Jilin University, Changchun, China
Wen, Jingxuan, Jilin University, Changchun, China
Williams, Zach, Devon Energy, Oklahoma City, OK, United States
Xia, Feiyue, University of Texas at Austin, Austin, TX, United States
Xu, Tao, SLB, Houston, TX, United States
Xue, Jin, University of Louisiana at Lafayette, Lafayette, LA, United States
Yan, Bicheng, King Fahd University of Petroleum and Minerals, Thuwal, Saudi Arabia
Ye, Ziang, Jilin University, Changchun, China
Youssef, Maryana, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia
Zambrano, Rafael, Cayros Group, Calgary, AB, Canada
Zeidan, Motaz, SLB, Hafrsfjord, Norway
Zhang, Heng, Jilin University, Changchun, China
Zhang, Yichen, Jilin University, Changchun, China
Ziliang, Wang, China Petroleum Logging Co., Xi'an City, China
Zumarah, Bayan, King Fahd University of Petroleum and Minerals, Dammam, Saudi Arabia
Zuta, John, NORCE Research AS, Stavanger, Norway



James (Jim) Curtice Albright

September 8, 1929–April 16, 2026

It is with great sadness that the SPWLA announces the passing of Jim Albright. Jim was among the founding members of SPWLA, joining on March 26, 1959, as Member No. 2. His impact on the Society spans decades, and his legacy will not be forgotten. The SPWLA will miss him and remains committed to carrying forward the vision of its founding members.

James (Jim) Curtice Albright went to be with the Lord at the age of 96 at his home on April 16, 2026. Jim was born in Madison, Wisconsin, on September 8, 1929. He was the second of three sons of Penrose Strong and Mary Lucas Albright of Winfield, Kansas. Jim lived long enough to meet his first great-great-grandson in addition to his four children, 10 grandchildren, and 20 great-grandchildren.

Jim's early years were in Winfield, Kansas. The family moved to Wichita in 1943, where he finished high school and completed his undergraduate studies at Wichita State University. Jim then went to the University of Oklahoma for graduate school. At a beginning-of-school church mixer, he met Velma Lee Pliley of Hooker, Oklahoma, and they married the following June—a marriage that lasted 70 years.

After earning his PhD in physics, he was employed by Conoco Oil Company in Ponca City, Oklahoma. Conoco loaned him to Oasis Oil Company in Tripoli, Libya, from 1970 to 1974. In 1992, the family moved to Stillwater, Oklahoma, and Jim retired from Conoco in 1993 after 37 years. Jim was recognized for his contributions to the research field of electric well logging. He was a charter member (Member No. 2) of the Society of Professional Well Log Analysts (now the Society of Petrophysicists and Well Log Analysts). He has also been a member of the American Physical Society, Sigma Xi, Pi Mu Epsilon, and the American Institute of Mining, Metallurgical, and Petroleum Engineers.

His community activities include the Ponca Playhouse, Cub Scouts, and Camp Fire Girls—yes, even dads had to pitch in when the daughters commanded! He joined Rotary in 1977 and served in various capacities in Ponca City and Stillwater. With Rotary, he was particularly involved with Rotary Youth Leadership Awards—aka RYLA.

One of Jim's dreams was to become a pilot, which was realized in 1987. He went on to earn his instrument rating, his commercial pilot's license, and became a Certified Flight Instructor. He enjoyed taking trips with Velma to places like the Panhandle to work at the farm or to the National Association of Christian Churches Convention in Indianapolis, or to take the kids and grandkids places. Friends from church also appear in his logbooks. But his most satisfying flying came when he flew for "Angel Flight," ferrying patients and their families to and from distant medical appointments.

Jim was a member of Eastern Heights Christian Church in Ponca City. He served as an elder and met the missionaries' needs in various ways. In Stillwater, he was a member of Sunnybrook Christian Church, where he served particularly on the missions committee. He was also a member of Gideons International.

Jim grew up with strong family ties. Living in Ponca City allowed frequent visits with grandparents in Hooker and Wichita, and the extended family was always nearby. For many years, while his children were growing up, all four grandparents were present at the Christmas dinner table. Jim and Velma made it a priority for their grandchildren to know one another. As their families spread across different parts of the world, they organized reunions whenever possible. Places such as Branson, Padre Island, Grapevine, and Switzerland created lasting memories for the family.

Jim was preceded in death by his parents, his wife Velma, their adopted daughter Jennifer Gayle, his brother Penrose Albright, and his wife Cachita.

He is survived by his brother John Albright and wife Sharon, son James Pliley Albright and wife Kathryn, daughter Kristine Albright Stafford and husband Joseph, daughter Tamera Albright Mayo and husband Steven; Grandchildren James Maxwell Albright and wife Elizabeth, Elizabeth Anne Albright and husband Olen Weaver, Jordan Albright and wife

Amanda, Lydia Bardet and husband Wilfred, Suzanne Ashton and husband Chris, Leah Unger and husband Chris, Melissa York and husband Matthew, Joseph Stafford and wife Susan, Samuel Mayo and wife Michelle, Timothy Mayo and wife Lu, and Spencer Mayo; Great Grandchildren Zoe Layman and husband Brad, Natalie Albright, Jaden Higgs, Tegan Higgs, Olie Weaver, Asher Janosek-Albright, Dakota Albright, Katarina Albright, Khaleesi Bardet, Heidi Bardet, Ronin Bardet, Simon Ashton, Samantha Ashton, Anne York, Samantha York, Adelaide York, Lucas Stafford, Cora Rose Stafford, Marie Mayo, and Marcus Mayo and Great-Great-Grandson Avery Layman.

The family would like to thank Ray of Sunshine Helping Hands, Stillwater Medical Hospice, and Cornerstone Caregiving for their wonderful care during Jim's final months.

Those wishing to honor Jim's memory may do so by contributing to Gideon's International at https://www.gideons.org/.