spwla today

NEWSLETTER

VOLUME 8 - ISSUE 4

JULY 2025

INSIDE THIS EDITION

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CALENDAR OF EVENTS

September 16–17, 2025
Casedhole Formation Evaluation
Instructor: James Hemingway
Online Training Webinar
www.spwla.org

November 17–19, 2025
International Geomechanics Conference
Al Khobar, Saudi Arabia
https://www.igsevent.org

November 18–20, 2025
EAGE/FESM Conference Petrophysics Meets Geoscience: "Unlocking Reservoir Potential in a Dynamic Energy Landscape"
Kuala Lumpur, Malaysia
www.spwla.org

March 23–25, 2026
SPWLA Topical Conference
Ultradeep Azimuthal Resistivity (UDAR)
Geological Society,
London, United Kingdom
www.spwla.org

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

About the Cover

Snapshots from the SPWLA 66th Annual Symposium held in Dubai, UAE. Special thanks goes to all our sponsors and exhibitors for their support. Learn about all the events and happenings in this month's newsletter!

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.

Dear SPWLA members,

We want to alert you to a troubling rise in **fraudulent email activity** specifically targeting our members. This has been impacting several societies, and we want to thank the SPE Gulf Coast Section for this timely notice.

These scams are becoming alarmingly sophisticated—impersonating board members, referencing real calendar events, and even following up on previous messages to appear legitimate. In several cases, members have come dangerously close to falling victim.

Please be advised any email requesting money or assistance with expenses via **PayPal, Zelle, Venmo, Bank Transfer, or similar platforms is a scam**. **Neither I nor any other SPWLA Board Members or office staff** will ever ask you to send money, make payments, or disclose personal financial information through email, text, or third-party apps.

If you receive any such message—even if it appears to come from me or another board member—**please do not respond**. We urge you to stay alert and take every precaution to protect your information. Report it immediately as phishing and delete it.

Here's What to Watch For:

1. **Deceptive Email Addresses**: Scammers use email addresses that closely mimic real ones—with swapped letters, added characters, or fake domains. Always double-check the sender's full address.
2. **Urgent or Emotional Appeals**: Messages may try to alarm or guilt you into acting quickly. Pause and verify before responding to anything urgent or unusual.
3. **Unusual Requests**: Be extremely cautious of emails asking for money, gift cards, personal info, or help with "unexpected expenses." These are red flags.

If You Receive a Suspicious Email:

1. Do NOT click, reply, or download anything.
2. Do NOT transfer any money under any circumstance.
3. Verify independently: If you're unsure whether a request is legitimate, please don't hesitate to reach out to the SPWLA office (+1 713 947-8727 or Sharon@spwla.org) or me (President@spwla.org) directly.

Your vigilance is our first line of defense. Please share this warning with others as well.

Sincerely,
Robert H. (Bob) Gales
President, SPWLA

Call for Abstracts

The SPWLA Board of Directors invites you to join us in **Lake Conroe, Texas, USA, May 16–20, 2026,** to showcase your case studies, new technologies, and innovations at the **SPWLA 67th Annual Symposium**.

We will continue the dual technical track and poster session format as in the previous symposiums to showcase the maximum number of contributions.

For SPWLA 2026, we will use the new OpenWater abstract submission portal. The information contained in your abstract is the basis for the acceptance of your paper into the technical program. Abstracts should be a maximum of 600 words divided into four sections: Introduction, Procedure, Results/Observation, and Conclusions, with a maximum of 150 words each. You must include a figure that captures the essence of the work. The Technology Committee has proposed 20 subject areas as a framework for the symposium. Please select the area in which you work most closely corresponds. This selection will have no influence on your chances of selection but is intended to try to match subject matter experts in the Technology Committee to abstracts in their field to help ensure the best technical work is selected. The Technology Committee members rate the work based on technical and innovative content related to petrophysics and formation evaluation.

Your submitted abstract must match your final submitted paper. By submitting an abstract, you are agreeing to all deadlines defined on the abstract submission page. All abstracts and final manuscripts must be in English. Submission details are included in the online "**Instructions to Authors**."

Abstracts must be submitted no later than **11:59 pm Central Time on Tuesday, 30 September 2025,** online at https://spwla.secure-platform.com/site/solicitations/102008/home.

Notification of **acceptance** of either oral or poster papers will be made on **1 December 2025**.
If selected, your **abstract will be published** online on the Symposium's website in **January 2026**.

Draft manuscripts are due by Monday, 2 March 2026
Final manuscripts are due by Wednesday, 1 April 2026.

Any paper not submitted in finalized format by the deadline shall be removed from the symposium program. After submission, at least two members of the Technology Committee will review and provide feedback on the manuscript to ensure clarity and to avoid overly commercial content. For questions, please contact Stephanie Turner at SPWLA either by phone (+1) 713-947-8727 or by email at stephanie@spwla.org.

We look forward to reviewing your abstracts!

Best regards,

Robin Slocombe
2025–2026 Vice President Technology

Artur Posenato-Garcia
2025–2026 Vice President Technology-Elect

Assisted by: Stephanie Turner, SPWLA

Call for Abstracts

Please read these instructions carefully. When done, print and save a copy, then return to the online portal and select "New Submission" to begin the submission process.

Submission Information

Before submitting a paper proposal, please gather the following information:

a. Abstract/Manuscript Title
a. Submission Topic selected from the drop-down lists
a. Author Information: First and Last Name, affiliation, and email address. A maximum of six (6) authors is permitted for an abstract/manuscript.
a. Text of abstract in 4 sections:

Introduction - describe the problem that motivated the paper proposal. (75 words minimum and 150 words maximum)

Procedure - describe the approach to the problem solution with particular emphasis on innovative procedures that differentiate the methods. (75 words minimum and 150 words maximum)

Results / Observations - describe significant results and major technical contributions (75 words minimum and 150 words maximum)

Conclusion – describe lessons learned from the study, application of the findings, and opportunities to further deploy methods. (75 words minimum and 150 words maximum)

a. Graph/Figure summarizing the methodology or main result of the contribution; this **must not** include company or author names
a. Publication Information (if the manuscript has been published before)
a. Keyword(s) (associated with submission)

Abstract/Manuscript Title

The abstract title should be ALL CAPS.

1. Do not underline any portion of your title
2. Do not use bold or italics in your title

Abstract Requirements and Format

1. All abstracts must be a minimum of 300 words, with a 600-word maximum as determined by the Technology Committee and specified on the online submission form.
2. Identify the primary Topic area from the list provided to which the abstract is best suited. Abstracts are reviewed by the Technology Committee reviewers and assigned to sessions according to the topic preference selected by the author.
3. SPWLA has a stated policy against the use of commercial trade names, company logos, or text that is commercial in tone in the paper title, text, or slides. Use of such terms will result in scrutiny by the Technology Committee in evaluating abstracts, and the presence of commercialism in the paper may result in it being withdrawn from the program.
4. The substance of the abstract should not have been presented or published before in any other conference or publication venue.
5. The abstract should stand on its own and not refer to another work unless associated with current work.
6. Do not include the title, company names, or author names in the body of the abstract or on the embedded figure. The title and author information will be requested separately through the submission system.

Submission Deadline

All submissions must be received electronically by the stated deadline. Submissions received after the deadline will not be considered. No exceptions will be made.

Confirmation of Submission

An email confirmation is sent to the submitting author upon finalizing your electronic submission. Follow the prompt and enter the email addresses for confirmation. You can also view and print a copy of your submission through the online system once you're finished. Please note your control number and use it in any future correspondence regarding your submission.

Program Committee Review Process

All abstract submissions are reviewed by the Technology Committee. Specific selection and rating criteria are listed under submission requirements.

Author Notifications
Author notifications will be sent to the *Presenting Author* regarding the status of their submission. The notification will provide a link to the appropriate status letter (which can be printed as often as necessary). Notification letters are addressed to the *Presenting Author* only. It is then the responsibility of the *Presenting Author* to share all pertinent information with all Co-Authors. Please note: Highly sensitive anti-spam software may block this notification since it is emailed by a third party. **If you do not receive this email by the notification date, contact the SPWLA immediately.** Confirm that you have provided your correct and complete email address to ensure receiving this notification in a timely manner.

Changes, Cancellations, and Withdrawals
SPWLA and the Technology Committee consider a submitted abstract a commitment to present. If extenuating circumstances prevent the author from making the presentation, it is that author's obligation to find an alternate presenter and notify the SPWLA office, VP Technology, and their session chair(s) (if applicable) one (1) week prior to the annual symposium. Withdrawals must be made in writing (email) to the SPWLA office as soon as possible **but no later than three (3) weeks** prior to the symposium when the Symposium Brochure will go to publication. We understand there may be visa issues beyond our control and encourage presenters to apply early if required. This allows notification to the SPWLA office prior to publication and adjustments for an orderly symposium. Papers that cannot be presented in person will not be included in the symposium transactions.

Under no circumstances can a submitted abstract be changed once it has been submitted. **Cancellations, particularly after the abstract has been accepted and publicized, are viewed by the Technology Committee as highly unprofessional.**

Speaker Registration/Funding
No funding is available for Presenting Authors or Speakers. All technical session speakers **must** register for the Symposium. Speakers attending the Symposium for the day of presentation must register at the prevailing one-day rate.

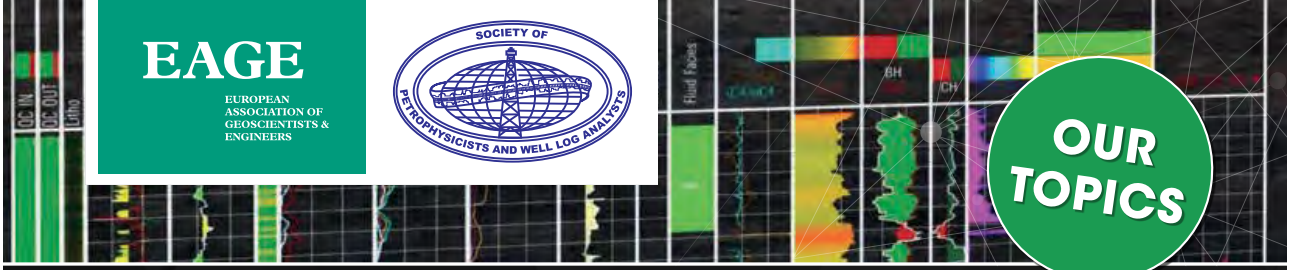
Audio Visual (AV) Support
All slide presentations must be computer-generated. Most software packages are acceptable. **No speaker may use his or her personal laptop to give a presentation.** If you have a question, please contact the SPWLA staff before submitting. Specific guidelines and the suggested template, along with instructions, will be included in the Author Kit.

Technical Support
If you encounter any technical problems with the system, please contact the SPWLA. **Please note that when entering the authors, you will need to identify the Presenting Author (by default, the submitter). The Presenting Author will become the main point of contact and will receive ALL correspondence regarding the submission. It is then the responsibility of the Presenting Author to share all pertinent information with their Co-Authors. If you are submitting an abstract for someone else, you will need to remove yourself from the submission form AFTER adding at least one Co-Author.**

Other Relevant Details
Recommended Browsers
For Windows users, we recommend Edge and Chrome. For Macintosh users, we recommend Safari and Chrome.

Attention IE 8 Users
If you are using Internet Explorer 8.0, you MUST display the website using the Compatibility View before you begin your submission. Please visit IE8 for more information.

Please note that you must also have **JavaScript** and **Cookies** enabled in your browser preferences for the system to function properly.



First EAGE Workshop on Surface Logging

12-14 NOVEMBER 2025 • PARIS, FRANCE

FUNDAMENTALS OF SURFACE LOGGING

Fundamental mudlogging techniques emphasize the extensive use of instrumentation and essential technologies, playing a crucial role in modern drilling operations and providing preliminary formation evaluation data. Studies should demonstrate the value of basic mudlogging technologies across various scenarios and environments, while also addressing the limitations that advanced surface logging services aim to overcome

DRILLING PERFORMANCE

Techniques for evaluating drilling efficiency, detecting formation changes, and identifying lithological variations through surface data, with a focus on optimizing drilling performance and operational effectiveness.

MUD LOGGING PRACTICES

Techniques and new technologies for formation evaluation, identifying, detecting, and measuring fluids and lithology with the various basic and advanced technologies, highlighting the growing relevance in various environments from conventional to unconventional in different scenarios (O&G and new energy). How surface logging can mitigate or solve operational risks and costs, increasing the reliability and predictability of the characterization of rocks and reservoir fluids.

INTEGRATION OF SURFACE LOGGING WITH SUBSURFACE DATA

Integrating surface logging data with downhole measurements, either to enable real-time decision-making during critical drilling operations, or to increasing subsurface understanding post well.

APPLICATIONS IN RESERVOIR EVALUATION & GEOCHEMISTRY

Leveraging surface logging to estimate key reservoir properties such as porosity, permeability, and fluid content, improving the precision of reservoir characterization and development strategies.

OPERATIONAL SAFETY AND HAZARD IDENTIFICATION

Examining the role of surface logging in the early detection of well control issues, abnormal pressure zones, and loss circulation. By improving safety measures, surface logging mitigates operational risks and enhances overall safety.

DIGITAL TRANSFORMATION IN SURFACE LOGGING: AUTOMATION, AI, AND MACHINE LEARNING APPLICATIONS

Examining the role of surface logging in the early detection of well control issues, abnormal pressure zones, and loss circulation. By improving safety measures, surface logging mitigates operational risks and enhances overall safety.

ENERGY TRANSITION

Exploring surface logging's growing relevance as the industry pivots toward more sustainable and diverse energy sources. Research and case studies on the use of traditional surface logging tools and methodologies of the oil & gas industry oriented to a different purpose, along with the development of new technologies tailored for energy transition scenarios with the common baseline of dealing with surface samples and data.

CASE STUDIES

Showcasing real-world applications of surface logging across diverse environments, including unconventional reservoirs, high-pressure high-temperature (HPHT) wells, deepwater drilling, geothermal exploration, and special gas exploration (hydrogen and helium).

Register now!

Early registration: 20 September 2025

PLATINUM SPONSOR slb | GOLD SPONSOR EXLOG EXCELLENCE LOGGING

WWW.EAGE.ORG

S. Mark Ma
2024–2026
Vice President Publications

Dear SPWLA community,

Congratulations on a successful 2025 SPWLA Annual Symposium, held in Dubai, UAE, from May 17–21, 2025, and thanks to the Technical Committee (led by then VP Technology Harry Xie from Core Labs International and VP Technology Elect Robin Slocombe from SLB), the local organizing committee (led by Muhammad Gibrata of Dragon Oil), and the SPWLA headquarters office (Sharon Johnson and Stephanie Turner) for their hard work and dedication to ensure a memorable event ran smoothly.

Congratulations to Bob Gales (Halliburton) on being elected as the SPWLA 2025–2026 President, and thanks to SPWLA 2024–2025 President Iulian Hulea (Shell) for his service!

I would like to extend special thanks to SPWLA 2023–2024 President Jennifer Market for presenting the *Petrophysics* journal acknowledgments and awards to our editors and technical reviewers, represented by the annual Best Editor Awards and Technical Reviewer Awards. Thank you for your time, effort, and expertise in helping authors improve their technical work, which, in turn, enhances the quality of the journal.

Best Editors –Year 2024

1. Priscila Caldas, Halliburton
2. Joe Comisky, Devon Energy
3. Wen Pan, Shell

Best Technical Reviewers – Year 2024

1. Efeoghene Enaworu, University of Leicester
2. Artur Posenato Garcia, Chevron
3. Taha Okashah, Halliburton

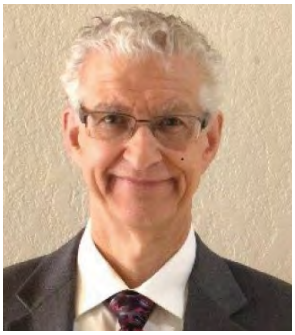
In addition, congratulations to the authors whose papers were selected by the editorial board of 27 editors as the best journal papers for the year 2024. We hope you enjoy reading, studying, and learning from the 67 papers published in 2024, represented by the three best of the best below.

Best Journal Papers – Year 2024

1. Rasmus, J., Kennedy, D., and Homan, D., 2024, The Fundamental Flaws of the Waxman-Smits and Dual Water Formulations, Attempted Remedies, and New Revelations From Historical Laboratory Complex Conductivity Measurements, *Petrophysics*, **65**(1), 5–31. https://doi.org/10.30632/PJV65N1-2024a1
2. Badruzzaman, A., 2024, Nuclear Logging in Geological Probing for a Low-Carbon Energy Future – A New Frontier?, *Petrophysics*, **65**(3), 274–301. https://doi.org/10.30632/PJV65N3-2024a1
3. Valstar, D., Nettleton, A., Borchardt, E., Costeno, H., Landry, G., and Laronga, R., 2024, Importance of Well Integrity Measurements Throughout the CCS Project Life Cycle, *Petrophysics,* **65**(6), 896–912. https://doi.org/10.30632/PJV65N6-2024a4

Best wishes,
S. Mark Ma
VP Publications

From the President



Robert H. (Bob) Gales
2025–2026 President

It was an honor to accept the gavel as your 67th President in Dubai on May 19, 2025. I've had the privilege of working with a great board over the past 2 years as VP Technology and President-Elect.

I'd like to thank those who have worked to make SPWLA better: Iulian Hulea, 66th President, who always pushed for knowledge sharing and transparency, Harry Xie – VP Technology for another successful symposium, Tegwyn Perkins – VP Information Technology for bringing our software to the next level, Chelsea Newgord – VP Communications for ongoing efforts to increase SPWLA social media clicks, Clara Palencia – North America 2 Director for efforts on student engagement with the online mini-symposium, Mathias Horstmann – Europe Director for his continued support of SPWLA at the local level and 2022 Symposium, and Yuki Maehara – Asia Pacific Director for his efforts to grow SPWLA with four new local and student chapters in 2 years.

I am excited to work with the returning board: Robin Slocombe – VP Technology; Matt Blyth – VP Education, Jing Li – VP Finance, Secretary and Administration; S. Mark Ma – VP Publications; Amer Hanif – North America 1 Directo, Marta Ines D'Angiola – Latin America Director, and Elsa Maalouf – Middle East/Africa Director along with our new directors who all have experience with local chapters as prior directors: Javier Miranda – President-Elect, Artur Posenato Garcia – VP Technology-Elect, Peter Barrett – VP Information Technology, Chicheng Xu, VP Communications, Andy Anderson – North America 2 Director, Pascal Debec – Europe Director, and Ryan Banas – Asia Pacific Director.

The SPWLA 66th Annual Symposium was another success, ending with 531 total attendees registered representing **41 countries**. This would not have happened without the large SPWLA family of volunteers and your support. It is impossible to mention everyone but a few recognitions: Harry Xie, VP Technology, and Robin Slocombe, VP Technology-Elect, for putting together another diverse technical symposium with a record number of published papers at 141. We also trialed the "short oral" sessions to get more speakers in front of the attendees (let us know your thoughts!). Thank you to the 2025 Technical Committee for their work in reviewing abstracts, papers, and presentations. Thanks to Muhammad Gibrata, General Chair, and the entire 2025 Dubai Symposium Organizing Committee for their support and coordination in Dubai. Thanks to all the Workshop Instructors, Field Trip Guides, and Session Chairs who kept everything on time for 30 technical sessions. We had 97 attendees in eight workshops, and 31 people attended the field trip. Thanks to Justen Alfred and Destination Arabia for all the event support and Melissa and Pascal for helping at the registration booth. Special thanks to Sharon Johnson, Executive Director, and Stephanie Turner, Technical Liaison, for working with all the teams and leveraging their knowledge to guide us for a successful event.

We welcome your input for continued success as we plan for the SPWLA 67th Annual Symposium at Margaritaville Lake Resort in Conroe, Texas (just north of Houston). Reach out to any of the Board of Directors with suggestions.

We have a few goals for the 2026 year that build on our core goals.

- Knowledge Sharing and Member Engagement
  - First Published Topical Conference on UDAR will be held on March 23–25, 2026, with the London Petrophysical Society (get your abstracts in)
    - A great opportunity for SPWLA to work with other chapters/SIGs
  - Expand online content with more industry-leader training events
  - Continue online Student Mini-Symposium
  - Board member presentations on SPWLA at chapter meetings (reach out to regional directors or board members)
  - Continued joint society events, i.e., SEG, EAGE, IGS, etc.
  - Evaluate a method for workshop education credits, certification requirements
- Membership Growth
  - Many local chapter members are not SPWLA members – we welcome your thoughts to encourage membership
- Technology – continued improvement of website, social media presence, and symposium software support
- Transparency – continue to build on the annual symposium review transparency

From the President

Once again, thank you for this opportunity to serve such a vibrant volunteer organization. We welcome your input to continue to make it better and grow. Feel free to reach out to your regional director, any of the Board of Directors, or me via our SPWLA emails. All are posted on www.spwla.org.

Regards,
Robert H. (Bob) Gales
2025–2026 President

Javier Miranda
2025–2026
President-Elect

This is my first column as your SPWLA President-Elect. I want to start by thanking the Nominating Committee led by Past President Jennifer Market and all our members for your consideration of my nomination, and especially your support and vote. This was my fourth international board election, and this is my second position (50% winning rate). What I want to emphasize is that if you truly enjoy volunteering, nothing will deter you from working for SPWLA and doing your best in whatever position you can serve (SIGs, local chapters, Technology Committees, *Petrophysics* journal and *SPWLA Today* newsletter, student chapters, etc.). Eventually, you will win that visibility by the results you achieve, and members will recognize your effort by voting for you. It is not a straightforward formula, as SPWLA usually does an amazing job of putting together an excellent slate of candidates to guarantee the continued success of our society. This brings me to the next topic, which is members' participation. I would like to see more members using one of the best benefits we have and voting for their preferred candidate. I will expand on this when I prepare my March column next year to provide further information and what we can do to incentivize members to participate more in general elections.

I am honored to serve in this position and look forward to doing my best as part of Bob's team and learning as much as possible for my upcoming responsibilities next year. My past experience has taught me that a year passes by quickly, so there is no time to lose. The best way to start tackling all the challenges we have ahead is to continue building on the advances we have achieved from previous boards, but we must also keep working nonstop. There are many goals we can accomplish in a year if we focus on reachable objectives and focus our efforts as a team. Iulian and his team advanced our society on several fronts, and we need to keep the momentum after Dubai 2025.

Most, if not all, of us on the current and past international board started as volunteers in local professional and/or student chapters, various committees, and other groups such as SIGs. Volunteering is a great opportunity to give back, develop, or improve your technical and leadership skills, besides working with the brightest minds in petrophysics and meeting really cool people. Furthermore, in the SPWLA, you will be involved in interesting projects and will be able to see an impact on what you do almost instantly. Let's keep in mind that our professional society is run with only two full-time staff; however, we can still do a lot of tasks thanks to a great group of volunteers all around the world! Please check the open opportunities and **JOIN US: https://spwla.org/SPWLAArchived/SPWLA/Volunteer/VolunteerOpportunities.aspx**

Some people usually ask me how I started my involvement in SPWLA, and it was simply following others and joining some of the many great opportunities available. Beyond elected positions in local chapters and the international board of directors, the SPWLA offers several opportunities to serve our membership.

The annual symposium will be in Lake Conroe next year. This will be a great opportunity, and we expect to have significant participation from US domestic-focused companies as well as international operators. Please go ahead and make your plans to attend!

Some of my objectives in the 2025–2026 cycle will be as follows:

- Continued Engagement with SIGs – Quarterly meetings, supporting their efforts, and connecting SIGs and SMEs with local chapters are all key goals. We want to help deploy their expertise through regional talks and other informative lectures, working alongside our regional directors. As the immediate past president of the Hydrocarbon Resources SIG, I want to recognize the excellent job Bob Gales did in this regard and how well he stayed connected with all the SIGs. I plan to continue building on that foundation.
- Other SIG-related aspects to consider include how we can better support them. Common concerns include simplifying abstracts, registration, and accounting. We can also leverage lessons learned from more established and well-positioned SIGs, such as NMR and Formation Testing, to help newer or growing SIGs strengthen their foundation.
- Develop a matrix for selecting the best chapters in collaboration with a committee. Seek board approval and input from regional directors, as well as a few key individuals within local chapters, to help define what criteria should be considered in identifying a "best chapter."
- Work and support the board, technology, and organizing committees to host an excellent conference in Lake Conroe in May 2026 and select a great location for SPWLA 2027.

Lots of challenges ahead, but also several opportunities to make our society better for generations to come. A better society

starts with all of us, and volunteering is the best way to pay back a little bit of how much we have received.

Let's work hard together to achieve great results for SPWLA in the 2025–2026 cycle!

As usual, ideas and recommendations are always welcome. You know where I am and how to reach out. As our 66th President says, "If you want something to improve, bring your ideas and volunteer to make those changes. We will work together to make it happen."

Stay in touch!
Javier Miranda
2025–2026 SPWLA President-Elect
President-Elect@spwla.org

Opening session with Keynote Address by Adnan Saeed Al-Shebli (senior vice president, Technical Services at ADNOC Offshore).

Bob Gales (SPWLA President) and Javier Miranda (SPWLA President-Elect) during a quick meeting in Dubai to discuss goals for this year.

The SPWLA Awards Presentation Lunch is always a great opportunity to recognize our colleagues for their year or life contributions to petrophysics.

Peter Barrett
2025–2027 VP Information Technology

This is my first article, and it is an honor to be in this position and to serve the wider well-log analyst community. First, a big thank you to Tegwyn for all he has done. A lot of it cannot be seen, but it is impressive what he has achieved. Tegwyn and I have known each other a long time, as I seem to follow him. I followed him to become a Recall software programmer (where I became very familiar with Ctegs in code). I am now at Halliburton, where he left some years ago, and finally to VP Information Technology. We have worked together at the Borehole Image SIG over the past few years, and I have always enjoyed his company.

Second, I must thank everyone who voted, and I intend to keep things moving along, improving the user experience and keeping the website looking fresh. In the handover meeting with Tegwyn, he said that I needed to create an IT committee of volunteers, and he then volunteered to be part of the committee (thanks, mate). The next person I reached out to was my fellow nominee for this role – Grant Goodyear, and he has agreed to join us, too. I feel this is the seed to a strong IT team, and if anyone else would like to join us, please email me.

We have plans—some larger plans and some not-so-large ones. We hope to switch over to the new abstract system, which will bring a single sign-on at spwla.org. A new domain name will be added soon to support an initiative born out of the BHI SIG. More on that in a later article.

I am also here to listen, and I welcome all suggestions on how we can improve the website, from tpyos to **bold** initiatives. Let me have them, please!

I could not make it to Dubai this year, but I hope to be at next year's symposium, where I look forward to meeting everyone. I have a terrible sense of humour, can waffle on for hours about (mainly British) cars, still program in Fortran, and always enjoy a good curry. I am a bit of a geek, but I guess that may be a suitable quality for this role…

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

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

Membership

As of June 6, 2025, SPWLA has sold **26 copies of the printed *Petrophysics* journal** and has reached a total of **1,604 members**. We appreciate everyone who has joined or renewed—your support is vital to our community. If you haven't yet renewed your membership, we kindly encourage you to do so. Membership dues continue to be a key source of income, enabling us to deliver value through publications, events, and member services. A breakdown of current membership by percentage is provided below.

Financial Snapshot: May–June 2025

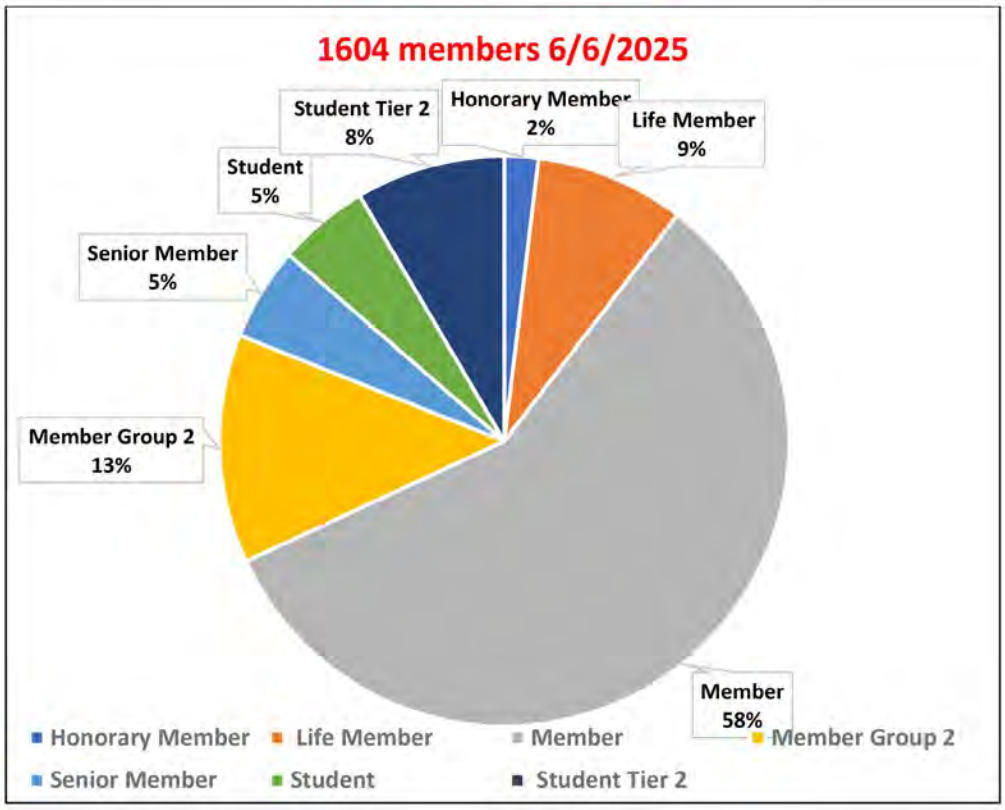
SPWLA continues to show steady and strong financial growth. The pie charts below visually summarize the distributions of revenue and expenses from May to June 2025. We are currently processing the final figures for the 2025 Annual Symposium, and more details will be included in our next column. In the meantime, we have completed the calculation of actual expenses for the Board of Directors for 2024–25 and are collaborating closely with the entire Board to estimate the budget for 2025–26.

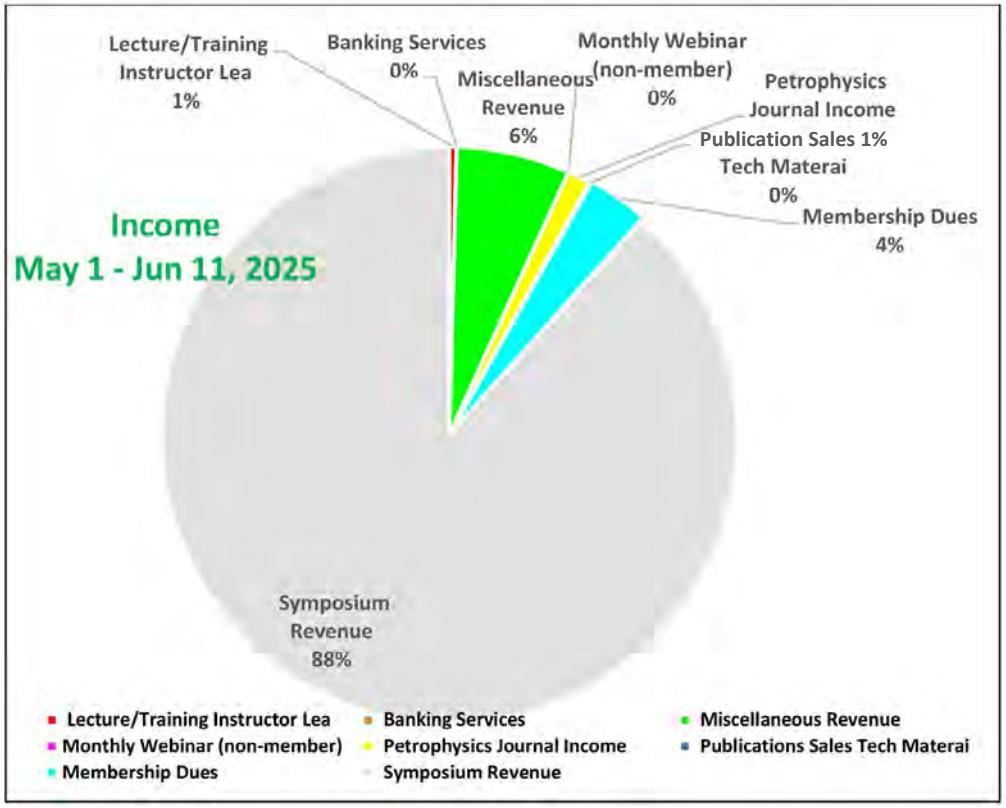
Get Involved

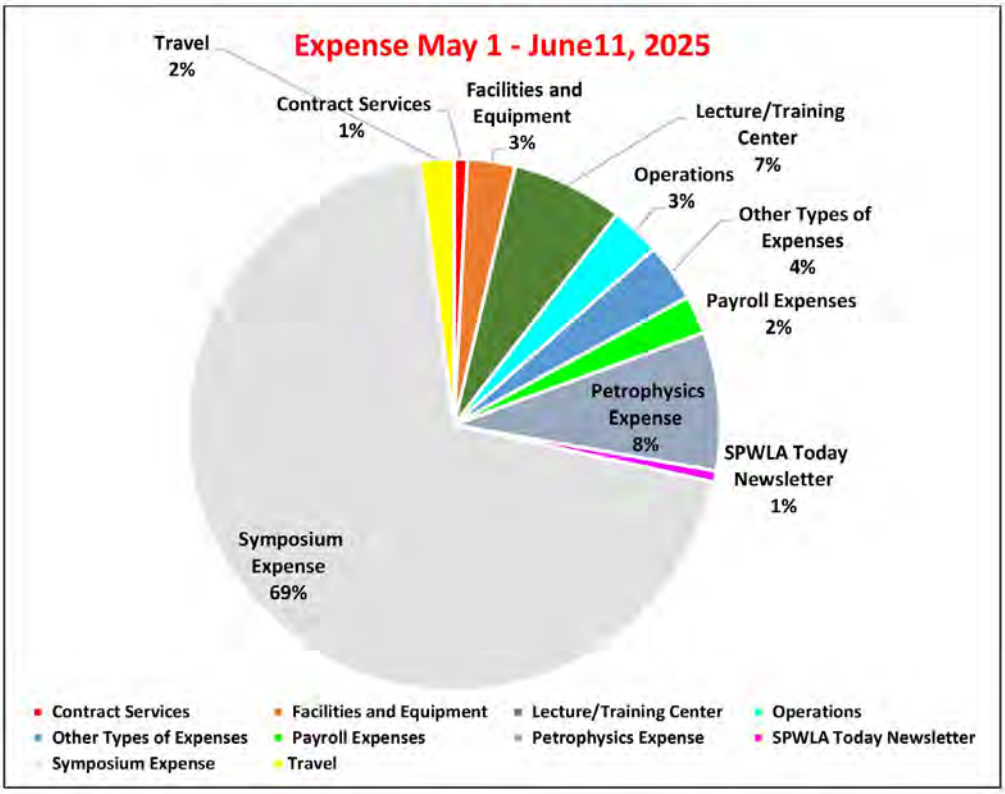
We value your feedback and welcome suggestions—especially ideas for new revenue opportunities or ways to enhance member value further. Your ongoing engagement is essential to SPWLA's continued success.

Thank you for being a part of our community. Together, we're building a stronger, more connected future.

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




Income
May 1 - Jun 11, 2025
Lecture/Training Instructor Lea 1%
Banking Services 0%
Miscellaneous Revenue 6%
Monthly Webinar (non-member) 0%
Petrophysics Journal Income
Publication Sales 1%
Tech Materai 0%
Membership Dues 4%
Symposium Revenue 88%
Lecture/Training Instructor Lea
Banking Services
Miscellaneous Revenue
Monthly Webinar (non-member)
Petrophysics Journal Income
Publications Sales Tech Materai
Membership Dues
Symposium Revenue


Expense May 1 - June11, 2025
Travel 2%
Contract Services 1%
Facilities and Equipment 3%
Lecture/Training Center 7%
Operations 3%
Other Types of Expenses 4%
Payroll Expenses 2%
Petrophysics Expense 8%
SPWLA Today Newsletter 1%
Symposium Expense 69%
Contract Services
Facilities and Equipment
Lecture/Training Center
Operations
Other Types of Expenses
Payroll Expenses
Petrophysics Expense
SPWLA Today Newsletter
Symposium Expense
Travel

Matt Blyth
2024–2026
VP Education

Dear SPWLA community,

Hello! As you are aware, we have recently wound up a very successful annual symposium in Dubai. I would like to thank all our 2024–2025 Global and Regional Distinguished Speakers who are wrapping up their terms this summer, and I am looking forward to announcing the new slate of speakers for the 2025–2026 season. To remind everyone, the Global Speakers (GDS) are chosen from the top-ranked presentations at the annual symposium, and the Regional Speakers (RDS) are nominated by the local chapters. At the time of writing, we are reviewing the rankings from Dubai to pick our next set of GDS.

We also held the final of this year's International Student Paper (ISPC) competition in Dubai. This event was a great success, and I would like to thank all our student competitors and judges for all their hard work. We had a total of 17 finalists across three categories, with most able to present in person. I am delighted to announce the winners below and would like to recognize the KFUPM Student Chapter for their domination of the event and the very high standard of their work.

ISPC 2025 attendees and judges.

2025 International Student Paper Competition Results

Winners in the Undergraduate category!

1st Place!

Salman Alrasheed
KFUPM

2nd Place!

Adrián David Salcedo Leal
UIS Colombia

3rd Place!

Julian Anaya/Valentina Henao
UIS Colombia

Winners in the Masters category!

1st Place!

Ahmed Nagy
KFUPM

2nd Place!

Arshad Khan
KFUPM

3rd Place!

Bushra Mohsin
China University of Petroleum (East China)

Winners in the PhD category!

1st Place!

Sara Kellal
KFUPM

2nd Place!

Evgeny Ugolkov
KAUST

3rd Place!

Amir Shokry Youssef
KFUPM

As mentioned, we will soon be announcing our new set of speakers for the 2025–2026 webinar season, and we will also launch our next short course in September, where Jim Hemmingway will discuss casedhole formation evaluation (details on the website). Meanwhile, we are always on the lookout for willing volunteers for our other SPWLA educational events.

- Short Courses: We are in need of people willing to teach short courses on any 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.
- 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 is perhaps too long to do 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 or class or just record your thoughts as an online information archive, then please contact me at VP-Education@spwla.org!

Take care!
Matt Blyth
VP Education

Chicheng Xu
2025–2027
VP Communications

Dear SPWLA community,

It is with great enthusiasm and a deep sense of responsibility that I step into the role of VP Communications for SPWLA. As we advance into an era defined by innovation, collaboration, and digital engagement, I am committed to amplifying the voice of our society across the platforms that matter most.

In this role, my primary focus will be to strengthen SPWLA's presence on **LinkedIn**, where the professional energy community increasingly gathers to exchange ideas, share breakthroughs, and celebrate achievements. By streamlining our communications and curating high-quality, engaging content, we aim to highlight the exceptional work of our members, promote society events and publications, and foster vibrant dialogue around the future of petrophysics, formation evaluation, and beyond.

SPWLA's global footprint is growing, with record participation from academia, industry, and young professionals. It is our responsibility to ensure that our communication tools not only inform but inspire. You can expect to see a mix of technical spotlights, conference coverage, member features, and thought leadership posts—all tailored to support learning, engagement, and professional growth.

I encourage all members to contribute by sharing your achievements, papers, and ideas with us. Whether you're a student presenting for the first time or a seasoned expert leading a new research direction, your voice matters—and we want to help it be heard.

Let's connect, collaborate, and communicate with purpose.

See you on LinkedIn!

Chicheng Xu, PhD
2025–2027 VP Communications
VP-Communications@spwla.org

Follow SPWLA on LinkedIn

Robin Slocombe
2025–2026 VP Technology

Artur Posento-Garcia
2025–2026 VP Technology-Elect

Dear SPWLA members,

I hope this message finds you well and inspired by the recent SPWLA Annual Symposium in Dubai 2025. The event was a resounding success, marked by outstanding attendance and seamless organization, thanks to the tireless efforts of our local chapter, the outgoing board, our dedicated sponsors and exhibitors, and the invaluable contributions of Sharon and Stephanie.

The symposium served as an exceptional platform for unveiling the latest advancements in our industry. In an upcoming issue of *SPWLA Today*, I will delve deeper into the results and feedback from the event, highlighting standout papers and contributions that deserve further recognition.

As we turn our attention to the future, I'm excited to announce the plans for next year's symposium, set to take place in Margaritaville, Texas, from May 16–20, 2026. Together with our new VP Technology-Elect, Artur Posento-Garcia, we are committed to crafting an engaging and impactful event. Artur and I convened in late May to strategize our approach for the coming year.

Our vision is anchored on three core pillars:

- **Science**: We are dedicated to staying true to the essence of petrophysics while being inclusive and extending our boundaries to understand, evaluate, and embrace new technologies.
- **Quality**: Our goal is to "steepen the curve" by forming a robust and focused Technical Committee. Through clear and transparent criteria, we'll ensure that only the best papers make it to the symposium.
- **Community**: We aim to foster membership growth by enhancing networking opportunities through Special Interest Groups (SIGs) and local events, thereby boosting visibility and engagement across our community.

To refine the abstract collection process, we're introducing a new survey. Prospective Technical Committee members should have received a survey requesting essential details—Name, Company Affiliation, and Geographical Location—to maintain our diverse and inclusive committee structure.

For the 2025–2026 abstract evaluation, we'll align committee members with abstracts that match their expertise. We're asking abstract submitters to specify their subject areas, and we need your input on defining the top 10 subject categories for the 2026 symposium. Additionally, we seek your willingness to review abstracts outside your expertise. This framework will streamline the call for abstracts and enhance the evaluation process.

Key Milestones:

- June 2025: Launch of Technical Committee survey and definition of abstract submission categories
- July 1, 2025: Call for Abstracts
- September 30, 2025: Deadline for abstract submission
- Early December: Notification of successful candidates
- March 1, 2026: Deadline for manuscripts
- April 1, 2026: Deadline for presentations
- April 15, 2026: Finalization of the program
- May 16–20, 2026: Margaritaville Symposium 2026

We are eager to hear your thoughts on our proposed plan and are committed to delivering a symposium that will be both memorable and transformative. Let's work together to make the 2026 program a success!

Best wishes,
Robin Slocombe
VP Technology

Artur Posento-Garcia
VP Technology-Elect

Regional Understandings–North America 1

Amer Hanif
2024–2026 NA1 Regional Director

Dear SPWLA members,

It was a privilege for me to attend the Dubai SPWLA Annual Symposium in May and connect with my peers from all over the world. We had a nice level of representation from the NA region, particularly from the student chapters, which is truly heartwarming. As promised by the theme, "Technology, Integration, and Innovation for Future Energy Era," we got to listen to high-quality talks encompassing topics that went beyond traditional reservoirs and evaluation methods, taking up challenges around real-time decision making, optimization of production performance, and innovations for new energies. I also heard friends remark that it was just a nonstop party in Dubai, and I cannot fault them for saying that as we did enjoy the hospitality of this great city to the fullest. A big shout-out to all our international and regional board members for their hard work in making this such a memorable event for all of us.

Summer months are a bit on the quieter side for our region, with members taking time off to recharge and connect with family. The region chapters also use this time to reorganize and plan for the year ahead. The **Houston Chapter** is doing a campaign to refresh its membership database. Being a large chapter, this exercise was due and will help them improve engagement with members and ensure that they do not miss out on any upcoming activities. The chapter bylaws are also being looked at to further streamline the workings of the board. The Houston Technology/Software Show is tentatively marked for November, and formal communication on this will start going out in the coming months. The **Dallas Chapter** hosted a petrophysics talk in May (see details in the "Chapter News" section of this newsletter) and plans on summer social get-togethers before returning to the technical program. While we set specific goals for the coming year, they will stay close to our mission of knowledge sharing, education, and promotion of petrophysics in both conventional oil and gas and alternative subsurface.

With the next annual symposium to be held in Conroe, Texas, our region aims to closely collaborate with host chapters and help with organizing activities. The timing is particularly exciting as it aligns with the pre-celebrations for the FIFA 2026 Soccer World Cup. Houston and Dallas host 16 games between them and will be buzzing with excitement during that time. Plan ahead to attend the SPWLA Annual Symposium next year and stay over for a few extra days to catch some soccer games or just to enjoy the festivities with family and friends.

At the SPWLA Annual Symposium Dubai 2025 giving a brief introduction to our NA 1 region and highlights of the outgoing year (left) and posing with the international board members (right).

At the SPWLA Annual Symposium Dubai 2025 sharing the stage for a Q&A session with my fellow presenters, Iulian Hulea, Willy Bohn, and Lori Hathon, in the new short oral format introduced in this symposium (left) and receiving my speaker's gift from session chairs Sean Dolan and Nate Bachman (right).

At the SPWLA Annual Symposium Dubai 2025, Dr. Tianmin Jiang of Houston Chapter was recognized with a Meritorious Service Award for his outstanding contributions to the petrophysics profession and to SPWLA.

At the SPWLA Annual Symposium Dubai 2025, we enjoyed the traditional hospitality of our sponsors at evening socials with themes capturing the experiences in Dubai. (Clockwise from the top left) The city night lights from Hilton rooftop during Halliburton Ice-Breaker, Arabian night in the desert with Baker Hughes, and sunset party at Azure beach by SLB.

Amer Hanif
NA1 Regional Director

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

Dear colleagues,

I'm delighted to share the latest highlights from our SPWLA Latin America regional chapters, showcasing how we continue to advance knowledge and foster collaboration across the region.

UIS Student Chapter: Driving Innovation in Geosciences

On **May 12**, the UIS Student Chapter hosted a high-impact webinar led by Marta D'Angiola and Nelson Suarez Arcano. The session focused on borehole image logs and geosteering—critical topics in the geoscience field. Beyond its advanced technical content, the event excelled at connecting students with industry experts, promoting continuous learning, and sparking innovation within our academic community.

Colombia Professional Chapter:
Advancing Petrophysical Uncertainty Analysis

The Colombia Professional Chapter extends its heartfelt thanks to speaker **Ruben Charles** for sharing his extensive knowledge of the oil and gas industry. His presentation delved into the latest innovations and challenges in uncertainty analysis applied to petrophysics, equipping members with fresh insights and practical approaches.

Argentine Student Chapter: Engagement and Diversity in Action

In a vibrant in-person gathering in Neuquén, Argentina, the Argentine Student Chapter demonstrated its commitment to both education and community impact. Highlights included:

- **Industry Immersion:** Visits to service companies SLB, Halliburton, and Condor gave students a firsthand look at day-to-day operations.
- **Renewable Energy Workshop:** In collaboration with the National University of Comahue, participants explored cutting-edge approaches to sustainability and energy transition.
- **Social Outreach:** Volunteer efforts supported housing organizations serving vulnerable communities, underscoring the chapter's dedication to societal well-being.

Argentine Professional Chapter: Leading Technological Advancement

The Argentine Professional Chapter remains at the forefront of geoscience innovation. On **May 29**, we co-hosted a webinar with SPE on identifying geological and geomechanical facies for unconventional resource development. Presented by Lic. Claudio Larriestra and his son, Fernando Larriestra, the session drew professionals from across Argentina eager to learn about the latest technical breakthroughs.

Looking ahead:

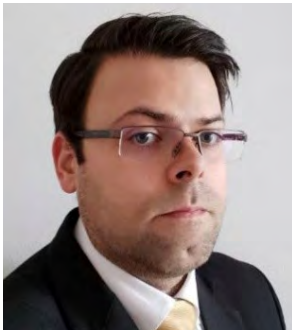
- **July 2025:** A webinar on artificial intelligence and petrophysics, led by Lic. Carlos Porras, will explore the integration of emerging digital tools in reservoir characterization.
- **September 2025:** A joint, in-person event with the Argentine Student Chapter will further strengthen knowledge exchange and networking opportunities throughout our geoscientific community.

These activities not only reflect the dynamism and innovation thriving within the region's chapters but also highlight their positive impact on academic growth, professional development, and social responsibility—setting a high standard for excellence in the geoscience industry.

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

Regional Understandings–Asia Pacific



Ryan Banas
2025–2027 Asia Pacific
Regional Director

Dear SPWLA members,

I am honored to serve as the Asia Pacific Regional Director for the 2025–2027 term. This region has tremendous potential, and I look forward to fostering growth and collaboration in the coming years.

Currently, I am actively engaging with the 18 chapters to gain a deeper understanding of their initiatives and opportunities. If you have ideas to strengthen the Asia Pacific region, suggestions for events you would like to see take place, or other ideas, please reach out.

2025 Activity

- A conference will be hosted by the Formation Evaluation Society of Malaysia (FESM) and co-organized with the European Association of Geoscientists and Engineers (EAGE) from November 18 to 20 in Kuala Lumpur. **The abstract submission deadline is July 18, 2025**.
- The Japan Formation Evaluation Society (JFES) will be holding its 30th Annual Symposium from October 8 to 10, 2025 in Chiba.

Ryan Banas
2025–2027 Asia Pacific 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

Highlights from the 2025 SPWLA Annual Conference in Dubai, UAE

July 2025

In this edition:

Javier Miranda

We had a successful conference in Dubai 2025. The Organizing Committee led by Muhammad Gibrata did a great job hosting us in a magnificent venue with lots of technical and networking opportunities. Harry Xie and Robin Slocombe, with their Technology Committee, put together a great technical program for our members! The technical program included 30 technical sessions (orals, posters, and new short oral sessions), eight workshops, and one field trip to Jebel Hafeet Mountain (Dubai-Al Ain and Mercury). The social events hosted every night were very diverse and successful, with all participants enjoying delicious food, a nice and relaxed environment, and plenty to do while experiencing the Middle East to its fullest. Our SPWLA staff did fantastic work (you never stop amazing me!), and all that resulted in more than 500 registrations, an increase from the previous year and a great number for an international location. We need to keep in mind our society is growing, especially in many regions outside North America; therefore, we need to rotate to such regions to secure diverse participation in our conferences. Special acknowledgment to the sponsoring and exhibiting companies. These results would not be possible without your continuous support. Huge thanks to our members and speakers in attendance and their employers for their support as well; in a challenging world, only better-trained employees can make a difference, and this is an excellent technical investment for your workforce.

Pictures are more entertaining than words and provide a better understanding of the success of any conference, so some are included in this summary. All the professional photos taken are available to SPWLA members. You can simply email Sharon, and she will provide you with a link to all the pictures. They are way more professional than those included here taken with a smartphone.

The annual symposium will be in Lake Conroe next year. This will be a great opportunity, and we expect to have high participation from US domestic-focused companies as well as international operators. Houston being the energy capital of the world, I am already excited to see what promises to be a Texas-sized conference full of great technical, exhibiting, and networking opportunities. Robin and Artur, two SPWLA volunteers I highly respect, will oversee the technical program for Lake Conroe 2026, so I anticipate a great quality program. If that is not enough, the USA, along with Canada and Mexico, will be hosting the FIFA World Cup next year, so expect to see a festive environment right after the conference and in preparation for the games being hosted across 16 cities in the USA, including Houston and nearby Arlington in Texas. Please go ahead and make your plans to attend!

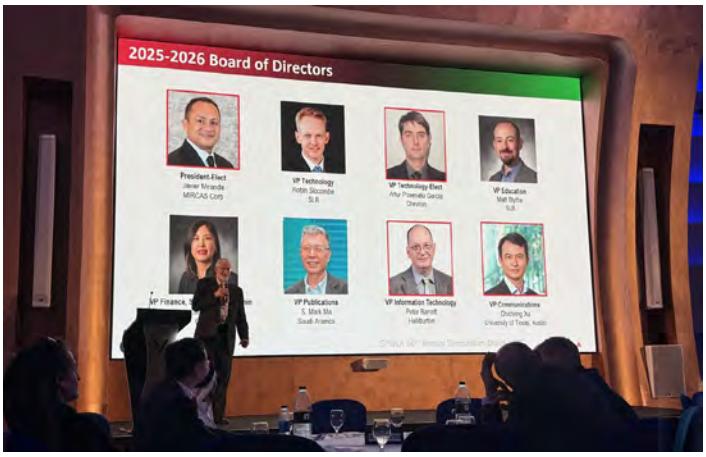
Bob Gales (SPWLA President) and Javier Miranda (SPWLA President-Elect) during a quick meeting in Dubai to discuss goals for this year.

Harry Xie (VP Technology for Dubai 2025) and Javier Miranda (SPWLA President-Elect) right before the symposium opening.

Opening session with keynote address by Adnan Saeed Al-Shebli (senior vice president, Technical Services at ADNOC Offshore).

Harry Xie (VP Technology for Dubai 2025) during the presentation of the Technology Committee (2024–2025) in the conference opening.

One of the first technical sessions in Dubai 2025.



Bob Gales (SPWLA 67th President) introducing the new board of directors.

SPWLA 2025 was a great opportunity to connect with colleagues during the evening networking events.

Dubai provided a magnificent setting to host fantastic social events full of great Middle Eastern experiences.

The SPWLA Awards Presentation Lunch is always a great opportunity to recognize our colleagues for their year or life contributions to petrophysics.

The SPWLA Awards Presentation Lunch is always a great opportunity to recognize our colleagues for their service to our society.

The organizing committee led by Muhammad Gibrata (left) did a great job hosting us in a magnificent venue with lots of technical and networking opportunities.

The SPWLA symposium's excellent results would not have been possible without our sponsoring and exhibiting companies' continuous support.

The SPWLA symposium's excellent results would not have been possible without our sponsoring and exhibiting companies' continuous support.

The coffee breaks during the conference were also the perfect venue to recharge and connect with colleagues.

Iulian Hulea (SPWLA 66th President) and Javier Miranda (SPWLA President-Elect) during one of the social events.

Robin Slocombe (SPWLA VP Technology), Adam Hacker (Past VP Finance and NA Regional Director), and Javier Miranda (SPWLA President-Elect) during one of the social events.

Continuing a tradition that began at the Lake Conroe 2023 conference, this year's fun run was once again led by Past President Iulian Hulea and drew more than 30 enthusiastic participants. Geoactive also continued its role as the proud sponsor of this popular event.

The SPWLA 2025 International Student Paper Competition (ISPC) led by VP Education Matt Blyth was a success, with undergraduate and graduate students from different continents joining.

Workshop 10: The Importance of Petrophysics in Resources, Reserves and Storage Estimation and Overview of PRMS and SRMS.

Natalia Cordry and Javier Miranda during one of the coffee breaks where participants in the conference could explore the exhibition and get the latest in tool developments.

The symposium was a great venue for meeting with colleagues, discussing ideas, and reconnecting with friends and former coworkers.

The social events every day were a wonderful venue to experience the Middle East at its fullest.

Dubai proved to be an excellent venue to host SPWLA 2025. The Burj Khalifa, a mega tall skyscraper with a total height of 829.8 m (2,722 ft, or just over half a mile), is the world's tallest structure. The Orinoco Oil Belt in Venezuela known for its extra heavy crude oil has an average depth of 610 m—that's 220 m shallower than the Burj Khalifa!

The social events every day were a wonderful venue to experience the Middle East at its fullest

Participants of the field trip to Jebel Hafeet Mountain (Dubai-Al Ain and Mercury). Photo courtesy of Hasan Guney.

The SPWLA 2025 successful results would not have been possible without the continuous support of these exhibiting companies.

The SPWLA 2025 successful results would not have been possible without the continuous support of these sponsoring companies.

ESG Rocks: Technology Day and Curling Event in Houston, Texas, USA

Javier Miranda

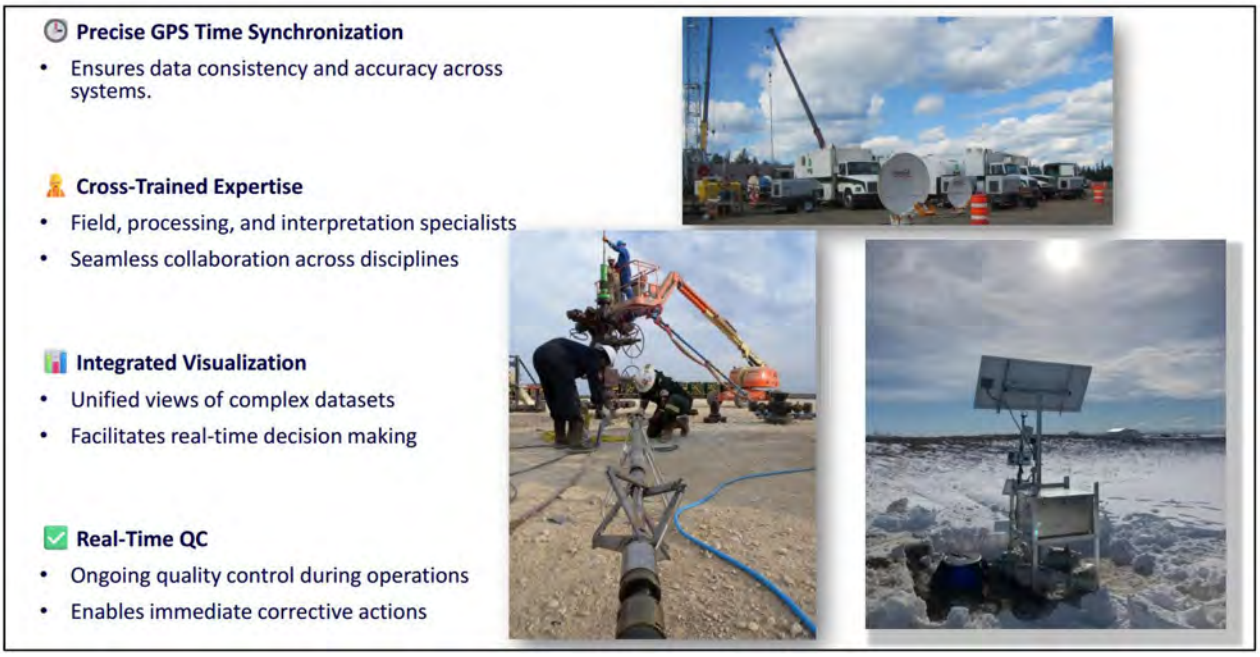
Geoscientists and subsurface managers in the Houston area recently gathered for the ESG Solutions Technology Day and Curling Event on June 5. The annual customer forum had great participation with thoughtful technical questions and great conversations around this technology and its applications. The workshop provided an overview of wireline deployment and operations, along with topics such as hybrid integration of surface and downhole-induced seismicity monitoring, electromagnetic imaging combined with downhole microseismic, and the integration of downhole DAS, DTS fiber, and microseismic data. Selected case studies and other applications were also shared with participants. One of the ESG wireline trucks was brought for this workshop, and several tools and other equipment used for the above applications were on display.

The day ended with a curling event with different teams integrated by participants and trained instructors who taught us how to play this game safely and introduced us to the rules of the game.

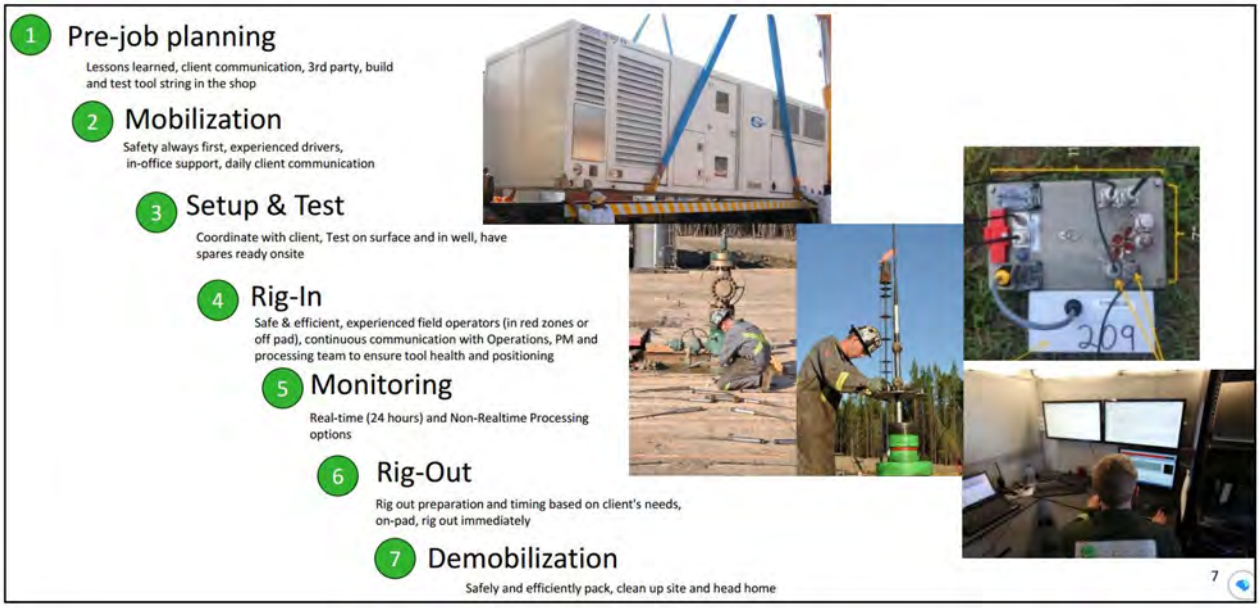
"ESG Solutions provides world-leading subsurface diagnostic solutions that drive decision making for operations of every size" (**ESG Solutions | Microseismic Subsurface Diagnostics**). They usually configure their proprietary technologies to your needs and apply their deep experience to deliver timely, actionable results while keeping your operations safe, successful, and sustainable after adequate planning and use of the latest technology in this segment. Their solutions cover the energy, mining, and geotechnical industries by providing customized subsurface diagnostic solutions and actionable data that informs decision making ("**ESG Solutions | Microseismic Subsurface Diagnostics**"). This company, founded in 1993, provides industry-leading microseismic solutions that reduce costs and risk while improving safety and productivity. "ESG Solutions is owned by Deep Imaging, a Texas-based subsurface imaging and frac diagnostics company." Their microseismic monitoring experts have monitored over 1,500 wells for more than 600 energy projects, gaining the experience to understand operations, challenges, and goals before recommending the technical solution that best fits every company's needs. Their well-monitoring services enable accurate event detection, location, and delivery and high-quality results that help operators' teams make operational decisions around risk management, completions, and reservoir planning. There is an increasing need for simultaneous diagnostic deployment in unconventional plays for the highest quality data for evaluating well spacing, treatment design, frac height, width, geometry, and parent-child relationship. Simultaneous deployment of surface and downhole tools captures real-time fracture and flowback data, which enables multidimensional insights. Furthermore, seamless integration is critical for MMV-compliant injection operations.

In the energy transition front, three decades of monitoring experience are a best fit for monitoring injection, extraction of produced water, tracking tertiary recovery from enhanced oil recovery (EOR), and storing CO_2 or geothermal production. Such technology and experience enable an operator to optimize operations, track containment, or meet regulatory permit requirements. As if this was not enough, their microseismic monitoring specialists have provided mining services in over 40 countries, with 100 projects each year on average. They typically start by understanding users' unique challenges and monitoring goals, then develop the right all-in-one solution for their operation. Their mine monitoring services give you a better understanding of subsurface site conditions, provide the decision-driving data you need, and ensure operational safety, uptime, and productivity.

Group picture (of those brave enough to stay and try curling).



Operational planning and execution are key for reliable results and excellence in operations.

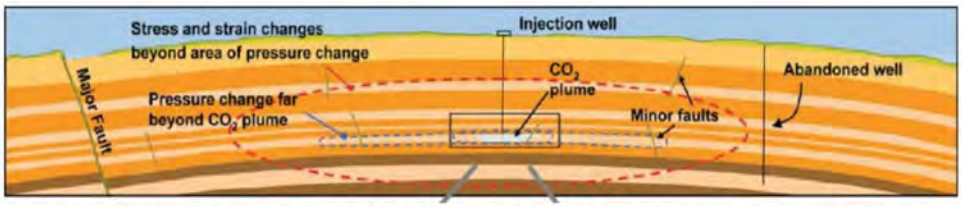


Typical operations overview.

Challenges:

- Injection causes wide range of magnitudes - microseismic (-3 +) to earthquake (0+)
- Location of seismicity associated with injection is not predictable
- No single geophysical technology can meet all monitoring objectives.

Hybrid seismic monitoring systems provide an integrated approach to address these challenges

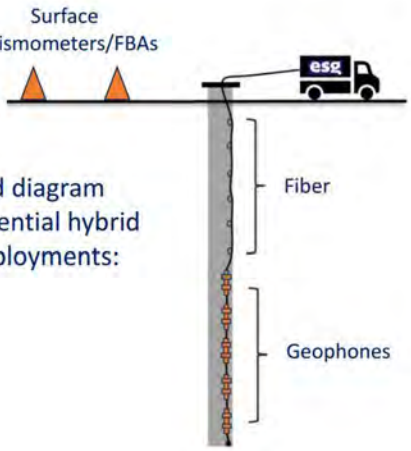


Influence zones of CO_2 plume migration, pore-pressure diffusion, and stress perturbation in a heterogeneous, multi-layered system with minor and major fault networks. Figure is taken from Nicol et al. (2016).

Seismicity monitoring operation.

- A hybrid system incorporates multiple seismic monitoring array configurations.
- **Locations**:
  - Surface
  - Shallow buried
  - Downhole
- **Equipment/sensor types**:
  - Seismometers
  - Accelerometers
  - Geophones
  - Fiber optics (DAS microseismic)

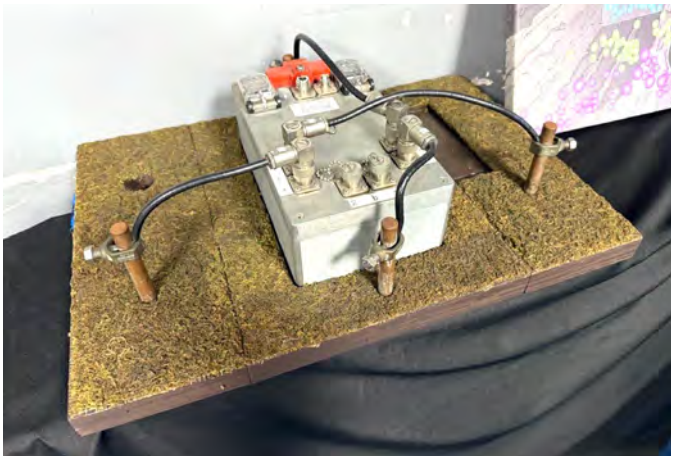
Simplified diagram showing potential hybrid system deployments:



Hybrid monitoring system.

Neal Cameron, ESG Solutions Business Development representative, made the introduction to the event.

Trevor Pugh, chief technology officer and founder, presenting LuminateArray Electromagnetic Imaging Technology.



Several tools were brought to the class to share with participants what it takes to complete actual operations. The image above is one of the electomagnetic imaging receivers.

ESG wireline truck.

Michael Jones, ESG Solutions wireline specialist, describing the geophone utilized for downhole Microseismic operations during the wireline truck tour.

Close-up look at one of the tools (geophone) used.

Alan Ramsay, induced seismicity monitoring operations manager, described how the ISM Station detects seismic events at surface.

Not one of the ESG Solutions field experts, but certainly an avid learner in front of the truck.

The curling event after the workshop started with an introduction by trained experts on the rules of the game and how to play safely.

Workshop participants had the opportunity to gain experience in curling, a game extremely popular in Canada. However, the game has been played for centuries in Europe. “Evidence that curling existed in Scotland in the early 16th century includes a curling stone inscribed with the date 1511 found (along with another bearing the date 1551) when an old pond was drained at Dunblane, Scotland” (“Curling - Traditional Sports”).

Workshop participants had the opportunity to play curling with different teams led by a trained instructor (pictured in the back).

Sweeping is a key part of playing curling, with different team members taking turns to complete this task. After the stone is delivered, its trajectory is influenced by the two sweepers under instruction from the skip. Sweeping is done for various reasons: to make the stone travel further, to decrease the amount of curl, and to clean debris from the stone’s path. Sweeping can make the stone travel further and straighter by slightly melting the ice under the brooms, thus decreasing the friction as the stone travels across that part of the ice. The stones curl more as they slow down, so sweeping early in travel tends to increase the distance as well as straighten the path, and sweeping after sideways motion is established can increase the sideways distance (“Curling - Wikipedia”).

CELEBRATING EXCELLENCE:

Meet Our 2025 Awardees Recognized at the Annual Symposium!

Each year, we are thrilled to honor the outstanding individuals whose dedication, passion, and achievements have set them apart this year. The 2025 Awardees represent those in our community who were selected by their peers, demonstrating excellence across a range of categories and inspiring us all through their commitment and impact.

PLEASE JOIN US IN CONGRATULATING

GOLD MEDAL FOR TECHNICAL ACHIEVEMENT

Ahmed Badruzzaman, educated as a theoretical physicist, earned a PhD in nuclear engineering and science from Rensselaer Polytechnic Inst., Troy, NY in 1979 and went on to contribute to research on multiple energy technologies: high burnup nuclear fuel, nuclear fusion, novel nuclear-based subsurface techniques, and small energy systems for rural communities in developing countries. An early pioneer in radiation transport techniques, he utilized it to develop the 3-phase C/O-So algorithm to locate several hundred million barrels of un-accessed heavy oil reserves and the multiple-detector pulsed-neutron tool concept, now a reality. Ahmed authored over 50 papers, two US patents, and a textbook on subsurface nuclear technologies soon to be published by Elsevier. He is a Fellow of the American Nuclear Society and has received numerous other recognitions including SPWLA Distinguished Technical Achievement in 2019. He served as Chief Editor of *Petrophysics*. He has spoken on his research around the globe, was a two-time SPE Distinguished Lecturer and a Distinguished Speaker of SPWLA twice. He was a consultant to the International Atomic Energy Agency (2011–2012 and 2024–2025), and an official reviewer of two US National Academies of Science reports (2008 and 2020).

Since retirement from corporate R&D in 2012, Ahmed has focused in two areas: (i) novel nuclear techniques, e.g., to delineate geologic H2 and to utilize Muons for monitoring deep nuclear waste repositories, both potentially key to geological probing in low-carbon energy generation (https://typeset.io/papers/nuclear-logging-in-geological-probing-for-a-low-carbon-3yxpeft65x) and (ii) educating the younger generation on this transition. On the former, he is also an SME consultant to the US Department of Energy. On the latter, he has been teaching the course, *Energy and Civilization,* he and two colleagues developed at The University of California, Berkeley in 2016 (https://bcourses.berkeley.edu/courses/1504904/pages/homepage).

Ahmed chairs the energy panel of the Bangladesh Environmental Network, a diaspora organization dedicated to limiting environmental degradation in their native country.

DISTINGUISHED SERVICE AWARD

Sharon Finlay

DISTINGUISHED TECHNICAL ACHIEVEMENT

Chicheng Xu, PhD, is currently leading upstream digital transformation in CNPC USA. He earned his PhD in petroleum & geosystems engineering from The University of Texas at Austin in 2013. He worked as a petrophysicist and rock physicist at BP America and BHP Billiton from 2013 to 2017. Prior to his PhD studies, he was a software project lead at SLB's Beijing Geosciences Center from 2004 to 2009.

In 2017, Chicheng joined the Aramco Houston Research Center as a research petrophysicist, contributing to the Geology Innovation and AI Technology teams. His research focuses on advancing petrophysical intelligence and automation through computational techniques and data analytics, particularly for interpretation, classification, and modeling using multiscale subsurface data integration.

Chicheng co-founded and chaired the SPWLA PDDA SIG and initiated a student scholarship to support PDDA-related graduate research. He has served as an associate editor for prominent journals, including *Petrophysics*, *SPE Reservoir Evaluation & Engineering*, and *SPEJ*. Chicheng also founded OpenPetro, a company that dedicates to open-source technology development and knowledge sharing in petrophysics.

He has received multiple awards, including the 2018 Regional Formation Evaluation Technical Award from SPE Gulf Coast, the 2019 SPWLA Meritorious Service Award, the 2020 SPE Outstanding Associate Editor Award, the 2021 SPWLA Meritorious Technical Award, and the 2022 Regional Data Science and Engineering Analytics Technical Award. In 2025, he received the Best Paper Award from the *Artificial Intelligence in Geosciences Journal*.

Chicheng has published over 50 conference and journal papers and holds more than 10 patents, with over 790 total citations.

Chandramani Shrivastava (Chandra) is geology advisor and domain head for SLB Well Construction based out of its HQ in Sugar Land, Texas (US). He has 23 years of experience in data management, formation evaluation and technology development across India, Middle East, Southeast Asia, West Africa, Caribbean, and the US. He holds a master's degree in applied geology from IIT-Roorkee (India) and another master's degree in petroleum engineering from Heriot-Watt, Edinburgh (UK).

He is widely published on formation evaluation (over 100 publications) and is an industry-recognized expert on geological interpretation of well logs. He has served as an SPE Distinguished Lecturer and currently is the International Chair for AAPG Students' Chapter. He is also a founding member and VP of the SPWLA Borehole Imaging SIG.

Chandra has been advising on new technology and answer products development related to subsurface characterization over the last 10-years. He has led the deployment of new wireline and LWD borehole imagers and sidewall coring services and is repositioning drill cuttings for innovative answers across the changing energy mix. His current focus is industrializing automated solutions for real-time geology, while and as a well gets drilled.

Chandra has been a regular reviewer of technical papers across disciplines of geology, formation evaluation, and geomechanics. He has been a co-chair for technical programs and workshops, served as a session chair, abstract reviewer, and judge of many competitions organized by professional societies. He regularly mentors students and young professionals through various professional society platforms.

Christopher Jones has 25 years of experience in the petroleum industry having worked at Halliburton since 2008. Prior to Halliburton, he started as an operations supervisor for an organic, aqueous, and rock geochemistry laboratory and as a geochemistry exploration and production consultant for assets. Early in his career, he helped develop and field test various advanced surface data logging applications including techniques for elemental and mineral analysis of cuttings, mud gas analysis, and in the measurement of carbon and hydrogen isotopes at wellsite. Later, he managed multiple PVT laboratories in the US and South America. After 2008, Christopher spent 12 years advancing formation testing applications as lead of the Halliburton formation testing research group, developing new applications. Christopher most recently managed the Halliburton Sensor Physics and Data Science/ Machine Learning Research Centers of Excellence (2021–2025), where he was responsible for nuclear, acoustic, electromagnetic, NMR, and fluid analysis sensors and logging, including their signal inversion to rock and fluid properties and the petrophysical interpretation therein. As of April 2025, he now serves as senior advisor for R&D special initiatives. Christopher has an MS in physical chemistry specializing in laser spectroscopy and thermodynamics, and a PhD in physical chemistry specializing in chemical analytics as applied to sensing. He additionally has 38 graduate hours in geosciences. He has a combination of 65+ publications and presentations and has been issued over 250+ US patents. He has served on multiple SPE and SPWLA committees and workshops and has served as an SPE Distinguished Lecturer for formation testing.

MERITORIOUS SERVICE AWARD

Tianmin Jiang is a staff petrophysicist in the Permian Integrated Geoscience group of ConocoPhillips. He has more than 15 years of experience in the oil and gas industry. His current focus is on integrated petrophysical interpretation with novel NMR techniques. Tianmin has published numerous technical papers and patents. In 2009–2019, he worked at Schlumberger as a petrophysicist on log analysis and interpretation. Tianmin received his BS and MS from Tsinghua University in 2002 and 2004, and his PhD from Rice University in 2009, all in chemical engineering. He is an active member of SPWLA.

Tianmin received the SPWLA Outstanding Reviewer Award in 2021 and 2022. His presentation at the SPWLA 61st Annual Symposium was selected as the Best Presentation for Unconventional, and he got invited to present it at URTeC 2020. Tianmin has been serving as a board member for the Houston Chapter since 2017. He has participated in organizing a lot of SPWLA local events and seminars. He has also been a board member of the SPWLA NMR SIG since 2019.

Ahmed Hafez is a senior solutions advisor with over 20 years of experience in the oil and gas industry. Most recently, he served as the region manager for Core Analysis Operations and Digital Rock at Halliburton, Dhahran Techno Valley, Saudi Arabia. With a strong background in geoscience, formation evaluation, operations management, business development, and data management, Ahmed has held several key positions throughout his career, before transitioning to Halliburton in 2019.

In his previous role, he led both technical and operational aspects of physical and digital core analysis, cutting evaluation projects, AI and digitization initiatives, and special studies. Ahmed holds a dual degree in geology and chemistry from Cairo University and a master of business administration from the University of Hull, UK. A dedicated member of SPWLA and SPE, he currently serves as Vice President of Publications for the SPWLA Saudi Chapter and remains actively involved in technical committees such as IPTC, SEG, SPWLA, and MEOS GEO.

Amr Serry is currently serving as the president of SPWLA Abu Dhabi Chapter. Throughout his career, he has made numerous contributions to the society at local, regional, and international levels. He is a member of the SPWLA Nuclear SIG and was as a Distinguished Speaker 2023–2024.

Amr is a senior petrophysicist at ADNOC Offshore with over 20 years of industry experience in petrophysics, reservoir characterization, petroleum engineering. He holds a master's degree in petroleum geosciences from Khalifa University (2017) and a bachelor's degree in petroleum engineering from Cairo University (2004). His dedication to continuous learning led him to complete the IBM Data Analyst Certification.

Amr started his career as a petroleum engineer, then he specialized in well logging and petrophysics with Baker Hughes in the Middle East before joining ADNOC, where he has significantly contributed to multiple projects across undeveloped and mature carbonate reservoirs in offshore Abu Dhabi. He is recognized for his innovation in deploying advanced reservoir technologies.

In addition to a robust technical background, he has co-authored numerous technical publications and presented at international forums, and participated in various conference technical committees.

MERITORIOUS TECHNICAL AWARD

Virginie Schoepf has been the lead petrophysicist at Openfield Technology, a startup specialized in MEMS technology, since June 2019. She has been supporting and developing petrophysical applications in the domain of flow diagnostics. Virginie started her career with SLB in 2000 as a development engineer in Clamart, France in the cement evaluation team. She later moved to a log-analyst role in production petrophysics within SLB DCS in Aberdeen, Scotland. She held the position of petrophysicist at ENGIE and bp, working on all aspects of petrophysics from exploration and appraisal to production and late field applications, including decommissioning. Her late assignment in bp within the global production petrophysics team focused on identifying new technologies for wells and reservoir surveillance and providing expert guidance. She owned several internal courses within bp and Openfield Technology and authored/co-authored several internal and external articles. An enthusiastic knowledge sharer and problem solver, she has volunteered for several knowledge-sharing sessions with SPE and SPWLA and has been mentoring and coaching young professionals throughout her career. She holds a MS degree in geophysics from Ecole de Physique du Globe de Strasbourg. She is a member of the SPE, SPWLA, and IAH.

Jeffrey Crawford joined Halliburton as a nuclear physicist after earning his PhD in physics from the University of Oklahoma in 2013. Currently, he manages the Nuclear Sensor Physics group, providing team leadership and technical guidance as a subject matter expert for a variety of wireline and LWD development and sustaining projects. Prior to this, he held the role of principal scientist. In this role, he acted as the technical project lead for LWD gamma-gamma density and natural gamma sensor development projects, providing support from design origination through sensor commercialization. As a graduate student, he developed a novel time-dependent method for studying quantum reactive scattering in hyperspherical coordinates. He has 20 granted patents and 12 technical publications.

YOUNG PROFESSIONAL TECHNICAL AWARD

Dr. Wen Pan is an AI researcher at Shell. He holds both a bachelor's degree and a PhD in petroleum engineering. Since 2016, he has passionately specialized in data-driven formation evaluation, geostatistics, deep learning, uncertainty modeling, and inverse theory, beginning with his PhD research at The University of Texas at Austin and continuing as an AI researcher at Shell.

Dr. Pan leads multiple projects aimed at enhancing formation evaluation through advanced data-driven technologies, both at UT Austin and Shell. He has authored 17 peer-reviewed papers and conference proceedings on innovative AI methods for formation evaluation.

In addition to his research, Dr. Pan serves as an editor for *Petrophysics*, focusing on data-driven petrophysics. He is also the Chief Event Organizer for the PDDA Special Interest Group (SIG) at the SPWLA. He is passionate about promoting data-driven petrophysics in the community and exploring the statistical and physical insights of ML applications to formation evaluation problems.

Dr. Pan has chaired one session at the 2023 SPWLA Annual Conference, won two SPWLA machine-learning competitions in 2020 and 2021, and organized the SPWLA ML competition in 2023.

Gulnar Yerkinkyzy is an accomplished petroleum engineer with over 12 years of experience in the oil and gas industry. She received her bachelor's degree in petroleum engineering from Kazakh-British Technical University in 2009 and later pursued a master's degree in the same field at Stavanger University. After university, she joined Equinor company, where she has held various positions within the subsurface community and since 2020 has been working with surface logging. Gulnar has superior performance in digitalization and contributed to several important digital projects at Equinor. She has published numerous papers in journals that provided groundbreaking insights into fluid prediction based on advanced mud gas and field examples of integrating downhole logging with surface logging tools to support and enhance operational decisions. She holds several patents and has been a keynote speaker at several industry conferences and seminars.

Dr. Tarek S. Mohamed is an interpretation development engineer and an interdisciplinary subsurface scientist at SLB, working on various projects spanning reservoir engineering, petrophysics, and geophysics. He co-leads the development of the new direction of forward modeling reservoir fluid geodynamics (RFG) processes over geologic time using reservoir simulation and history-matching reservoir charge as a new way to predict fluid spatial compositional distributions in untapped regions. Dr. Mohamed co-authored over 20 technical papers accepted by several organizations, including SPWLA, SPE, SEG, AAPG, and ACS, and published in peer-reviewed journals or presented at major energy conferences. His expertise includes reservoir numerical modeling and simulation, petrophysics and formation evaluation, data science and machine learning, reservoir characterization, and well-test analysis. He holds a PhD in petroleum engineering from The University of Texas at Austin, an MS in petroleum engineering and a graduate certificate in data science and analytics from the University of Oklahoma, and a BS in petroleum engineering from Suez University. He has received several technical awards and recognitions, including being selected as an SPWLA Global Distinguished Speaker for 2023–2024 and an SPWLA Regional Distinguished Speaker for North America for 2024–2025.

Symposium Best Paper Presentation 2024
Title: From Leak Path Detection to Quantitative Flow Profiling: The Exciting Journey of the Noise
Presenter: Giuseppe Galli

Symposium Best Poster Presentation 2024
Title: An Image-Based Artificial Intelligence Approach for the Determination of Analog Petrophysical Rock Properties From Drill Cuttings
Presenter: Allen Britton

Global Distinguished Speaker 2024–2025, Speakers

Zulkuf Azizoglu
Michael Taplin
Dirk Valstar
Alexandra Cely
Candida Menezes de Jesus
Alexander Kostin
Alexandre Perrier
Giuseppe Galli
Brice Fortier
John Savage

OUTSTANDING STUDENT CHAPTER

King Abdullah University of Science and Technology (KAUST) Student Chapter-
The SPWLA Student Chapter at King Abdullah University of Science and Technology(KAUST), located in Saudi Arabia, was born in 2022. Our student chapter promotes the understanding of petrophysics and well-log analysis to the KAUST scientific community. Our society has contributed to spreading the knowledge of petrophysics by organizing different types of seminars, knowledge-sharing sessions, and participating in SPWLA regional and international events like the SPWLA International Student Paper Contest. We also organize social events and partner with other KAUST student chapters events, reaching a wider audience. We are very happy and grateful to receive the prestigious SPWLA Outstanding Chapter Award.

Outstanding Chapter

Southwest China Chapter
The Southwest China Chapter was established in June 2019 and emerged through a collaboration among UESTC, SWPU, CDUT, and PetroChina Southwest. With an executive team drawn from 12 institutions and partnerships with 15 oil industry companies, the chapter has effectively bridged the gap between Chinese and global petrophysicists. This initiative has not only boosted SPWLA's Chinese membership from a mere handful to over 200 but has also significantly enhanced international collaboration. Over the past 5 years, the chapter has successfully orchestrated five major annual symposiums, accumulatively attracting over 10,000 participants. In addition to these high-profile events, the chapter has conducted specialized technical workshops, including advanced training on distributed fiber-optic technologies. Building on this momentum, the chapter introduced a student paper contest and facilitated more than 50 expert visits from prestigious institutions such as MIT and the Norwegian Academy, greatly enriching member engagement. To enhance accessibility for petrophysicists in China, the chapter actively communicated with SPWLA headquarters to facilitate improved access to the SPWLA's website and journals. It has also translated *Petrophysics* abstracts into Chinese, expanding the reach and understanding among local readers. The scholarly contributions of the chapter are particularly impressive, with 46 publications in *Petrophysics* and 35 features in *SPWLA Today*. Its members have been recognized with prestigious SPWLA Service/Youth Awards and SPE Regional Awards. With one active student chapter already making strides and another in the pipeline, the chapter is deeply committed to nurturing the next generation of global petrophysicists, ensuring a vibrant future for the field.

SPWLA 2025 Symposium Papers of the Day – Audience Favorites

Throughout the conference, attendees cast their votes for the presentations that stood out most each day. These "Papers of the Day" reflect the sessions that generated the strongest interest and engagement from our community. Thanks to an enthusiastic response, Tuesday and Wednesday each featured a tie, with two papers recognized on both days!

While this recognition is based on attendee feedback and enthusiasm, it is intended as a fun and engaging highlight rather than an official SPWLA award.

Monday, May 19th

SPWLA-2025-0016: *New Insights Into the Understanding of Sand Injectite Complex Using Borehole Imaging and Core Integration*
Presenter: Sayyid Ahmad (Halliburton)
Authors: Sayyid Ahmad, Halliburton; Joanna Mouatt, Aker BP; Gianbattista Tosi, Halliburton; Fanny Dominique Marcy, Aker BP; Nigel Clegg, Halliburton

Tuesday, May 20th

SPWLA-2025-0078: *Dynamic Depth Alignment Between Well Logs for Horizontal Wells – A Probabilistic Approach*
Presenter: Kjetil Westeng (Aker BP)
Authors: Kjetil Westeng, Peder Aursand, Frida Viset, and Yann Van Crombrugge, Aker BP ASA

SPWLA-2025-0100: *Beyond Gas Bubbles in Norwegian Oil Fields: An Integrated Petrophysics and Pressure-Based Workflow for Improved Phase Interpretation*
Presenters: Maria Cecilia Bravo & Silvia Roblero Nunez (SLB)
Authors: Maria Cecilia Bravo, Silvia Roblero Nunez, Sandrine Donnadieu, Frode Ungar, Gulnar Yerkinkyzy, Tao Yang, and Paal Fristad, Equinor

Wednesday, May 21st

SPWLA-2025-0102: *Recent Developments and Verifications for the Multi-Dimensional and Data-Adaptive Interpretation of Borehole UDAR Measurements*
Presenter: Carlos Torres-Verdín (UT Austin)
Authors: Wardana Saputra, Carlos Torres-Verdín, Joaquin Ambia, Bruce G. Klappauf, and Weichen Zhan, The University of Texas at Austin; Nazanin Jahani, NORCE Norwegian Research Centre AS; Jörn Zimmerling, Uppsala University; Vladimir Druskin, Sofia Davydycheva, and Ivan Davydychev, 3D EM Modeling & Inversion JIP; Egil Romsås Fjeldberg, Aker BP

SPWLA-2025-0104: *A Robust Joint Inversion for Improved Structural and Petrophysical Interpretation of Azimuthal Deep-Resistivity Measurements*
Presenter: Hsu-Hsiang (Mark) Wu (Halliburton)
Authors: Hsu-Hsiang (Mark) Wu, Dagang Wu, Ting Yan, Jin Ma, Yijing Fan, Clint Lozinsky, and Michael Bittar, Halliburton

ABU DHABI CHAPTER

Abu Dhabi Chapter was represented at the SPWLA 66th Annual Symposium. The Chapter Chair Amr Serry, Vice Chair Nader Gerges, and a strong delegation of local chapter members participated effectively and contributed to the success of the event by involvement in moderating technical workshops, panels, the International Student Paper Contest, and serving on the Technical Committee. Their collective engagement reflects the chapter's continued commitment to SPWLA's mission of knowledge sharing and professional development across the Middle East and the global petrophysical community.

The local chapter leadership recognition moment during the symposium with the SPWLA Middle East Regional Director, Dr. Elsa Maalouf.

ALTERNATIVE SUBSURFACE/ENERGY TRANSITION (ASET) SIG

General News

The year 2025 has been a year of exciting firsts for the ASET SIG, and we're thrilled to share how far we've come in just a few short months.

At the start of the year, we set out with a bold vision: to energize ASET SIG and focus on exchanges between the petrophysical community from industry experts to academia and to showcase the science of petrophysics and its key role in the energy transition.

That vision came to life at the SPWLA Annual Symposium, where we hosted our first-ever ASET SIG workshop—a one-day event titled "Petrophysics in the Energy Transition."

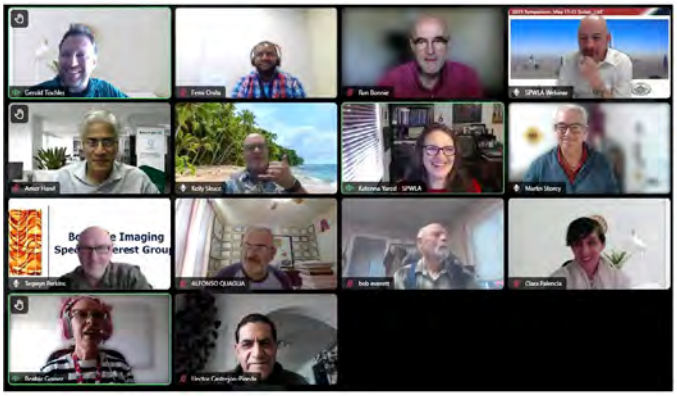
Petrophysics in the Energy Transition Workshop instructors (from left to right) Gerold Tischler, Tom Bradley, and Robert Laronga.

The workshop focused on carbon capture and storage (CCS) and geothermal energy, and it was inspiring to see such a strong turnout from professionals across the globe. The energy in the room lasted for the day, and the discussions reaffirmed just how vital petrophysics is to the success of energy transition projects. An extra big thank you goes to Robert Laronga, Tom Bradley, and Femi Onita for their dedication in bringing this event to life—and to all of you who joined us and made it such a success.

Instructors and attendees for Workshop 5: Petrophysics in the Energy Transition.

Instructors and attendees discuss geothermal reservoir properties and the value of information to plan and deliver a successful geothermal well.

Building on that momentum, we had our first ASET SIG webinar. Katerina Yared delivered a compelling talk on "Unlocking New Energy Frontiers: How Oil and Gas Expertise Catalyzes Geothermal Development." Her insights sparked thoughtful questions and lively discussion, and we were delighted to see so many of you engage—especially those who turned on their webcams for our group photo! Special thanks to Matt Blyth for all of his help!



ASET SIG 2025 first webinar attendee photo.

We will be announcing shortly the next events in our 2025 plan. Stay tuned for more. Follow the ASET SIG LinkedIn page for updates and engagement opportunities at ASET SIG LinkedIn.

We're also interested to hear from you and your company about your energy transition projects—particularly those that are operator-led. These real-world case studies offer our community invaluable insight into how petrophysics is being applied on the ground in areas like carbon capture and storage (CCS), geothermal energy, natural hydrogen storage, and other alternative subsurface initiatives.

Our goal is simple: to raise awareness of the critical role petrophysics plays in these evolving domains by showcasing the work being done in the field. Whether your project is in early development or already delivering results, we want to help you share your story.

Reach out to us at aset_sig@spwla.org to get involved.

Thank you to the ASET SIG board and our attendees for engaging questions and active participation. We hope to see you at the next event!

ARGENTINE STUDENT CHAPTER

General News

We are pleased to announce that, as of April 19, Petróleo y Gas Consultores has become an official sponsor of our student chapter. This strategic alliance will provide financial support for some activities, such as transportation, catering, and materials, helping us improve the quality and reach of our events. Beyond financial backing, Petróleo y Gas Consultores strengthens our connection with the industry, opening doors to certified educational courses and professional development opportunities.

Between May 6 and 9, we conducted an unforgettable technical tour in Neuquén, offering our members a unique "first-hand" experience of field operations, as well as visits to academic and corporate facilities. During this inspiring trip, we also organized a face-to-face event that fostered knowledge exchange and community building among participants.

To further build our chapter's identity and promote a strong sense of belonging, we proudly designed and distributed custom chapter T-shirts to our members. These shirts symbolize our unity, commitment, and enthusiasm for advancing geoscientific knowledge and professional growth together.

We warmly thank our sponsor and look forward to a productive and engaging year ahead. We present our sponsor:

PETRÓLEO Y GAS CONSULTORES

Official logo of Petróleo y Gas Consultores, esteemed sponsor of the SPWLA Argentine Student Chapter.

Recent Events

6 May 2025—We visited Cóndor Wireline, where geologist Julieta Grill showed us the processes of well logging, electric perforation, and abandonment of wells with wireline in operation. We were able to appreciate their rigorous safety protocols, the state-of-the-art equipment operating in cased wells, and the constant investment in training and continuous improvement.

Condor Wireline facility is a key player in well-logging and data acquisition services.

7 May 2025—We visited the Universidad Nacional del Comahue (UNCo), specifically the Faculty of Engineering, as part of our technical tour in the Neuquén. We were honored to attend a highly informative talk by Dr. Sheyla Elian Iglesias on seismic prospecting. Her lecture spanned from the fundamentals of wave propagation to the variety of sensors used in field acquisition. She emphasized the importance of proper data acquisition and advanced processing techniques, highlighting how they are crucial for reducing uncertainty in modern geological exploration.

Following the session, we visited the Centro de Estudios Petrofísicos del Comahue (CEPCom), where engineers Esteban González and Jessica Jara introduced us to the field of petrophysics. Their presentation covered key concepts such as porosity, permeability, interfacial stresses, and capillary pressure-saturation relationships, all illustrated with practical lab examples. It was an enriching experience that connected theoretical knowledge with real-world applications in reservoir characterization.

To complement the technical aspects of our tour, we also had the opportunity to visit the Museo de Ciencias Naturales de la UNCo, where we explored geological and paleontological exhibits relevant to the region. This visit provided valuable context about the stratigraphy and tectonic history of the Neuquén Basin, reinforcing the multidisciplinary nature of subsurface exploration.

This day combined academic depth, professional insight, and cultural enrichment—an excellent example of our chapter's commitment to fostering technical growth and collaborative learning among geoscience students in Argentina.

Universidad Nacional del Comahue (UNCo), Faculty of Engineering, hosting the beginning of our technical tour.

Session at CEPCom, focusing on petrophysical analysis and reservoir characterization.

Visit to the museum at UNCo, enhancing knowledge of regional geological heritage.

SLB Solalique facilities, where we explored advanced directional drilling and production technologies.

8 May 2025—We continued with the technical tour in the province of Neuquén with an insightful visit to SLB (Schlumberger) facilities in Solalique, one of the company's key operational bases in Argentina. This experience allowed us to closely observe the infrastructure and technology supporting operations in unconventional reservoirs, particularly in the Vaca Muerta Formation.

We were welcomed by geologist Victoria Ferreyra and the Human Resources team, who guided us through various areas of the operational base. We began the tour in the electrical and mechanical workshops, where we observed the maintenance, assembly, and calibration of tools used for directional drilling, measurement while drilling (MWD), and logging while drilling (LWD). Field technicians explained how these tools work and stressed the importance of operational accuracy to minimize risks and optimize performance in low-permeability formations.

We then visited areas dedicated to storage, logistics, and quality control, where strict safety and traceability protocols are in place. We were impressed by the level of automation and the continuous improvement approach. We also explored sections related to real-time data processing, where digital tools support decision making—both on-site and remotely.

One of the highlights of the visit was the presentation from the Human Resources team, which covered training programs for young professionals, technical internships, diversity and inclusion initiatives, and SLB's commitment to regional development and energy transition. Their efforts toward carbon footprint reduction and sustainability in exploration and production sparked valuable discussions and reflections among participants.

9 May 2025—We held a face-to-face event at IFES in the city of Neuquén, bringing together students, young professionals, and representatives from academia and the energy industry for a day of exchange, learning, and social commitment. The event featured technical presentations on lithium resources, microseismic monitoring, and reservoir characterization, providing attendees with valuable insights into cutting-edge technologies and challenges in these fields.

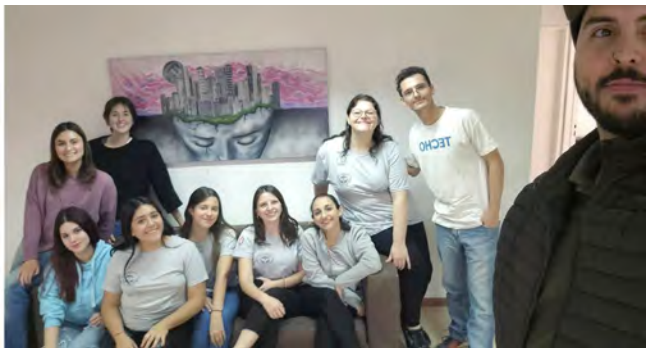
In addition to the academic sessions, we organized a charity raffle to support local social initiatives. Thanks to the enthusiastic participation of attendees, we raised funds that were fully donated to TECHO Neuquén, an organization dedicated to providing dignified housing and promoting community integration in vulnerable sectors. This initiative aligns with our chapter's commitment to social responsibility and training professionals with a strong sense of collective awareness.

During the day, we also enjoyed a coffee break generously donated by Cooperativa Obrera, which offered attendees a chance to relax and continue sharing in a friendly and welcoming environment.

The day concluded with a symbolic act of giving and gratitude, where we presented the donation and expressed our appreciation to the representatives of the beneficiary organization. This moment reaffirmed our social vocation and strengthened the bond between SPWLA and the local community, demonstrating that geoscientific knowledge can and should be combined with empathy, engagement, and social transformation.

The success of the event was made possible through the collaborative effort of chapter members and the enthusiasm of every participant. It was a meaningful experience that set a precedent for building a more inclusive, human-centered geoscience community.

In-person event with chapter members, fostering knowledge exchange and professional networking.



Charity raffle in support of Techo Neuquén, exemplifying our commitment to social responsibility.

26 May 2025—We participated in the Faculty of Exact Sciences and Technology of the UNT, as part of the TED Conferences program for Science Month. We presented "Explore, Connect, Discover: The Power of a Student Chapter in the World of Geoscience," describing the origin and mission of the Argentine Student Chapter, showing growth statistics, and highlighting projects such as technical visits and activities. It was a hybrid event where they participated with questions, demonstrating the impact of student chapters as a bridge between academia and industry.

Public outreach lecture aimed at promoting geoscientific education and awareness.

26 May 2025—Bruno Balda gave a keynote presentation on the fundamentals and challenges of hydrogen storage in saline formations. His explanations addressed the construction and monitoring of caverns, the impermeability properties of salt, and the prospects of this technology as a pillar of the energy transition.

Official flyer for the technical talk on hydrogen storage, presented by Bruno Balda as part of our specialized event series.

June 13, 2025—Geologist Álvaro González, a graduate of the National University of Jujuy and a forensic expert with extensive experience, analyzed the methodologies and protocols that govern forensic expertise in civil and criminal cases. Through case studies on water contamination and structural failures in wells, González explained how evidence is collected, expert reports are prepared, and conclusions are defended in court. This event, held jointly with the AAPG UNLP Student Chapter, was extremely valuable for those aspiring to careers in technical consulting, environmental law, or forensic investigation.

Promotional flyer for the "Geological Expertise in Argentina" presentation by Álvaro González.

23 June 2025—We held a technical talk led by Alan Giulianetti and Emilia Soffiantini titled "Sample Resting and Porosity Analysis in Lithium Salars." During the presentation, Alan and Emilia shared the results of their study on how the properties of samples extracted from lithium salars change from the moment they are taken at the well to their analysis in the laboratory. Additionally, a brief introduction was given on the importance of petrophysics in reserve calculation, covering fundamental concepts such as total porosity and specific yield. The talk sparked great interest and provided an enriching space for questions and discussion among attendees.

Promotional flyer for the "Sample Resting and Porosity Analysis in Lithium Salars" lecture by Alan Giulianetti and Emilia Soffiantini.

Upcoming Events

Our student chapter is excited to announce that we are currently developing an official website to better connect with our members and share news, resources, and event information. Stay tuned for the launch, which will make it easier to access all chapter activities and materials.

In the coming months, we will be organizing a series of technical talks and in-person courses covering a variety of topics relevant to petrophysics, reservoir characterization, and energy resources. These events will provide valuable learning opportunities and networking spaces for our members.

To know more about us:
Mail: spwla.arg.sc@gmail.com
LinkedIn: www.linkedin.com/in/spwla-argentine-student-chapter
Instagram: https://www.instagram.com/spwlaarg/

SOCIETY OF PETROPHYSICISTS AND WELL LOG ANALYSTS
ARGENTINE STUDENT CHAPTER

BANGKOK CHAPTER

General News

The Bangkok Chapter of SPWLA holds meetings most months. The meetings are held on the fourth Thursday of each month, starting at 5 pm with a networking session with food and drinks, followed by a technical presentation at 6:15 pm. There is no charge to attend, but we do ask that you register in advance so that we can tell the hotel how many people are expected.

2025 Bangkok Chapter Committee Members
Chapter President: Andrew Cox
Technical Coordinator: Ryan Banas
Sponsorship: Marvin Rourke
Secretary: Ronald Ford
Treasurer: Nipista Pongpanit
Web Coordinator: Alex Beviss
Corporate Liaison: Rinlita Lertkornteeranan
Student Liaison: OPEN

Website: https://www.spwla.org/SPWLA/Chapters_SIGs/Chapters/Asia/Bangkok/Bangkok.aspx
Email: bangkok.chapter@spwla.org

Recent Events

Corrected 24 April 2025—*Our planned speaker for April had to cancel at the last minute, and we called on Ronald Ford, who was able to fill in the slot.* Ronald Ford (business development manager, Gaia Earth Group) presented **"A Drilling Engineer's Guide to Optimizing Well Design for Wireline Operations (SPE-207644-MS)."** Ronald presented a summary of his SPE paper, which provides insights into risk prediction for drilling engineers when planning a well with wireline logging. Thanks to Ronald for stepping up on short notice and filling the speaking slot.

Ronald Ford with Marvin Rourke (Master of Ceremonies).

29 May 2025—Dr. Frans Mulders (software product champion geomechanics, Geoactive) presented **"From 0D to 4D and Beyond – The Added Value of Geomechanical Modeling in the Energy Sector."** Dr. Mulders discussed geomechanical modeling with case studies. In particular, 1D-versus-2D-versus-3D-versus-4D and which technique to use when. Interestingly, occasionally, there's no value in spending time, effort, and money building a 3D model. And the trick question at the end: "What's 5D modeling?" A prize of chocolate-coated-Durian sweets was awarded for the correct answer! Our sincere thanks to Dr. Mulders for the engrossing presentation and to all of the people who attended.

Andrew Cox, Chapter President, presented Dr. Frans Mulders with a token of appreciation.

26 June 2025—Roslan Mokhtar (geoscience and geosteering for CA – Halliburton) presented "**3-Dimensional Ultradeep Azimuthal Resistivity, a Tool for Identification of Bypassed Pay in Mature Fields."** Roslan gave an engaging presentation on the use of deep resistivity imaging to map mature and complex fields, improving reservoir management and recovery. Thanks to **Halliburton** for allowing Roslan to present at our June meeting.

Roslan Mokhtar (geoscience and geosteering, Halliburton).

Please check our local website for the latest information on events and activities for the Bangkok Chapter on the SPWLA main page:
https://www.spwla.org/SPWLA/Chapters_SIGs/Chapters/Asia/Bangkok/Bangkok.aspx
or visit us on LinkedIn (SPWLA Bangkok Chapter)

BOREHOLE IMAGING (BHI) SIG

Recent Events

At the 2025 Annual Symposium, the BHI SIG organized a workshop called "**Introduction to Borehole Image Log Data Analysis,"** giving a sound overview and understanding of the functionality of BHI tools, a historical background, and insights into pitfalls, feature detection and applications for various types of tools and reservoirs. As a highlight, we organized a live-picking session, where the participants could actively pick features on a test interval and then compare the results of their analysis. A total of eight participants joined the workshop. The instructors of the workshop were Bernd Ruehlicke (Eriksfiord), Susana Carrilero (Halliburton), Tegwyn Perkins (Geoactive Ltd), Amr Moukhtar (Halliburton), and Christian Rambousek (NiMBUC Geoscience)

(From left to right) Instructors of the workshop were Bernd Ruehlicke, Christian Rambousek, Susana Carrilero, Tegwyn Perkins, Amr Moukhtar, and Harry Xie, joining us for the photo.

Upcoming Events

In the fall, the BHI SIG plans to organize a topical conference. More details will be distributed within the next weeks.

BRAZIL CHAPTER

General News

Our monthly meetings are being held online, predominantly every third Tuesday of the month, at 4 pm BRT (UTC−03), throughout 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 preference of the speaker. Even if it is held in Portuguese, questions in English are also welcomed!

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, David Xavier (dx@equinor.com).

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

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

Recent Events

18 February 2025—We had our first monthly meeting of the 2025 series. **Adna Vasconcelos** (https://www.linkedin.com/in/adnavasconcelos/) presented "An Automatic Approach for Core-to-Log Depth Matching in Presalt Carbonate Reservoirs," discussing the challenges of reconciling depth measurements of wellbore data. The webinar covered the presentation of a robust and automated depth-matching methodology, specially developed to account for the inherent heterogeneity within presalt carbonate rocks.

18 March 2025—Ronaldo Herlinger, Jr. (https://www.linkedin.com/in/ronaldo-herlinger-junior/) (senior petrophysicist for Petrobras S.A.) presented "A Study on Control Mechanisms of Fluid Saturation and Oil Trapping at Pore Scale Under Oil-Wet and Mixed-Wet Conditions in Presalt Carbonates." Ronaldo completed his PhD in petroleum science and engineering at Unicamp, focusing

on mechanisms controlling residual oil in resalt reservoirs. The webinar was a rich discussion of how texture and mineralogy influence fluid saturation in carbonate reservoirs under varying wettability conditions.

3–4 April 2025—We held the **2nd International Student Chapter Symposium**, centered around the theme: "The Importance of Petrophysics in the New Energy Era: How the Industry Is Advancing Towards New Energy Sources and the Role That Petrophysics Plays in This Transformation." This event was a collaborative effort among student and professional chapters from North America and Latin America and featured over 15 speakers from various institutions and companies. The Brazil Chapter would like to express its gratitude to **Clara Palencia**, Regional Director NA2, for her leadership and dedication in making this event possible. We also extend our recognition and thanks to **Fernando Jorge Pedrosa Maia Junior**, who represented the Universidade Federal do Ceará Student Chapter with the talk "The Role of Petrophysicists in Energy Transition: Geological Storage, Geothermal Energy, Natural Hydrogen, and Critical Metals," and to **André Gondim Brandão**, who represented the Universidade Federal do Rio de Janeiro Student Chapter with the presentation "Petrophysics of Basaltic Lava Flow-Hosted Reservoirs: Insights From a CCS Research Project in the Paraná Basin, Brazil."

26–29 May 2025—The Brazil Chapter offered the **Second Edition of the Nuclear Magnetic Resonance for Formation Evaluation** course, led by PhD **Willian Andrightto Trevizan** (a consultant at Petrobras). The course was held at the Brazilian Center for Research in Physics (Centro Brasileiro de Pesquisas Físicas, CBPF), located in the Urca neighborhood, Rio de Janeiro – RJ. Over the 4 days, participants explored key topics such as NMR fundamentals, logging tools, lab measurements, and NMR-based reservoir evaluation. The course includes practical sessions on interpreting NMR logs for porosity, permeability, and fluid saturation.

29 May 2025—We had **Huaila Fonseca** (https://www.linkedin.com/in/huaila-ayres) (senior petrophysicist for Pré-Sal Petróleo S.A.) present "A Study on Control Mechanisms of Fluid Saturation and Oil Trapping at Pore Scale Under Oil-Wet and Mixed-Wet Conditions in Presalt Carbonates." Huaila brings over 15 years of experience in the oil and gas exploration and production sector and serves as the coordinator of the reservoirs superintendence at Pré-Sal Petróleo S.A., where she is responsible for the petrophysical interpretation of presalt polygon data, providing technical support for commercialization, production, and unitization aspect related to oil and natural gas. The webinar addressed PPSA's role in resource governance, contract management, value generation for Brazil, and petrophysical insights from the presalt polygon.

Upcoming Events

The SPWLA Brazil Chapter is planning the 2025 courses and presentations calendar, so stay tuned to our LinkedIn page and YouTube channel to stay up to date with our schedule.

DALLAS CHAPTER

General News

The Dallas Chapter completed its last 2025 spring meeting with a well-received presentation by John Rasmus on his paper titled "The Fundamental Flaws of the Waxman-Smits and Dual Water Formulations and Proposed Remedies Using the Quadrature Conductivity," which received an award for being one of the best three papers selected by SPWLA for 2024. The attendees enjoyed a sponsored luncheon provided by Baker Hughes and participated in an informative discussion following the presentation.

His talk presented the W-S and DW saturation models' limitations by comparing their fit to the limited original Waxman-Smits laboratory data set using MathLab. Suggested methods to obtain better-fit values of Qv (the cation exchange site concentration per unit pore volume used to quantify the conductivity contribution of pore-lining clays in rocks) were discussed in detail.

Dr. Nadine Igonin, Dallas Chapter Secretary, and John Rasmus, speaker.

The Dallas Chapter hopes to sponsor summer social events and return to technical luncheon presentations in September. Please visit the Dallas SPWLA Chapter on LinkedIn or the Chapter News at www.SPWLA.org for details.

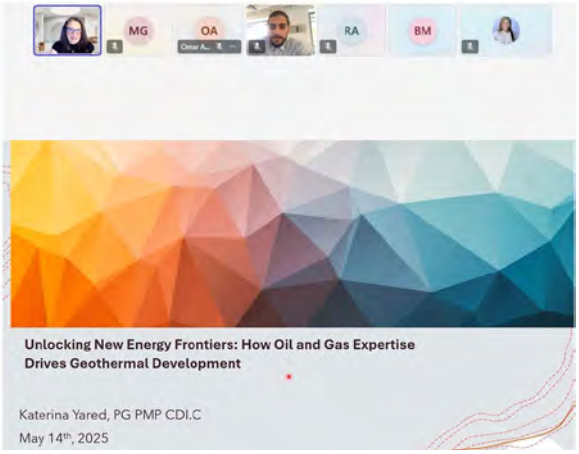
DUBAI CHAPTER

General News

It's been several productive months for our chapter, filled with exciting developments and meaningful engagements across the geoscientist community in the region. If you have any questions or suggestions or would like to be part of the chapter, please contact the chapter at dubai@spwla.org. Please consider subscribing to our LinkedIn page (SPWLA Dubai Chapter – https://www.linkedin.com/in/spwla-dubai-chapter).

Recent Events

14 March 2025—Technical Webinar: "Bridging Oil and Gas Expertise With Geothermal Development" by Katerina Yared, PG, PMP CDI.D. The chapter hosted an insightful webinar by Katerina Yared on how oil and gas expertise can help drive geothermal development. The session highlighted how transferable skills in petrophysics can play a critical role in scaling geothermal energy. The chapter would like to thank Katerina for her excellent presentation and sharing knowledge session. We would also like to thank the participation of the attendees.



Katerina Yared delivering the webinar.

17–21 May 2025—SPWLA 66th Annual Symposium – Hosted in Dubai. This year's symposium made the return of this landmark event to the Middle East after a long time. We are proud to say that the chapter had the honor of being a part of the SPWLA 66th Annuual Symposium in Dubai. The chapter served as the host committee, where the event welcomed professionals, academics, and students from across different regions. The program included a high-impact program featuring technical sessions, workshops, field trips, networking events, and exhibitions. We would like to thank SPWLA and the board of directors for their trust. A heartfelt thank you to all the volunteers, speakers, sponsors, exhibitors, and participants. Special thanks to Sharon and Stephanie, who helped make this event such a success.

(From left to right) Some members of the Organization Committee during the SPWLA awards presentation lunch included Amr Serry (ADNOC), Jennifer Duarte (Geoactive), Muhammad Gibrata (Dragon Oil), and Past SPWLA President Jennifer Market.

FORMATION TESTING (FT) SIG

General News

Officers meet biweekly to plan and discuss events. Multiple events had been planned for this year, with the first half already passed. The team is focused on the events for the next half.

Recent Events

26 March 2025—The FT SIG Webinar Series continued with another webinar in March. The title of the presentation was "Array Formation Testing With Multiple Azimuthal and Axial Pressure Transducers – Part 2." It was the second session of the earlier webinar that took place in February. It was delivered by Dr. Wilson Chin (Stratamagnetic Software). The event generated some interest from the audience, who questioned Dr. Chin about azimuthal formation testers.

30 April 2025—April's webinar titled "Testing With Surface Gauges in Gas Storage Field During Injection Cycle: A Case Study" was delivered by Steve Smith (Baker Hughes). This webinar received positive feedback as well, with questions about the applicability of the workflow to CCS wells.

17 May 2025—The Formation Testing SIG hosted a workshop at the SPWLA Annual Symposium in Dubai titled "Fundamentals of Formation Testing – Acquisition, Data, and Analysis," which was led by multiple instructors (Dr. Gibran Hashmi from Halliburton, Mahmut Sarili from SLB, Viraj Telang from Baker Hughes, and Juan Carlos Nunez from Kappa Engineering). The workshop was attended by 11 participants from various companies. The workshop introduced the primary applications of wireline and LWD formation testing, ranging from pressure testing, fluid sampling, pressure transient analysis, and injection testing with microfracturing, with the participants getting some hands-on analysis training on preloaded software as well. Some of the photographs from the workshop are given below.

Fundamentals of Formation Testing Workshop held in Dubai on May 17, 2025.

Participants at the workshop.

Instructors and participants of the workshop with SPWLA VP Technology Harry Xie (far left).

Instructors of the workshop were Juan Carlos (left), Gibran Hashmi (on the screen in the background), Mahmut Sarili (second from left), Viraj Telang (second from right) with SPWLA VP Technology, Harry Xie (right).

Upcoming Events

Multiple webinars are planned as the FT SIG continues its webinar series. The next webinar will continue in July, with the title, date, and timing announced separately soon.

FT SIG Annual Meeting and Technical Conference will be held later in the year in Houston, Texas. Look out for announcements on the SPWLA website and on our media channels.

If you have questions on any of our events, you can contact us at formation.testing.sig@spwla.org.

FRANCE CHAPTER

General News

The chapter is thriving and growing! We are excited to share that the SPWLA France Chapter continues to expand, welcoming new members from a broad range of disciplines—not only from petrophysics and geology but also geophysics and reservoir engineering. This dynamic growth reflects our commitment to building a truly multidisciplinary community.

Recent Events

The second quarter of 2025 was marked by a strong focus on geomechanics and rock physics.

April 2025—SPWLA France successfully hosted a technical workshop on Geomechanics at Société Géologique de France de France (SGF) in Paris, featuring cutting-edge research and practical applications presented by industry experts. The event highlighted the vital role of geomechanics in drilling, reservoir management, and energy transition projects.

Geomechanics workshop participants at the Société Géologique de France (SGF) in Paris.

Presentations included:

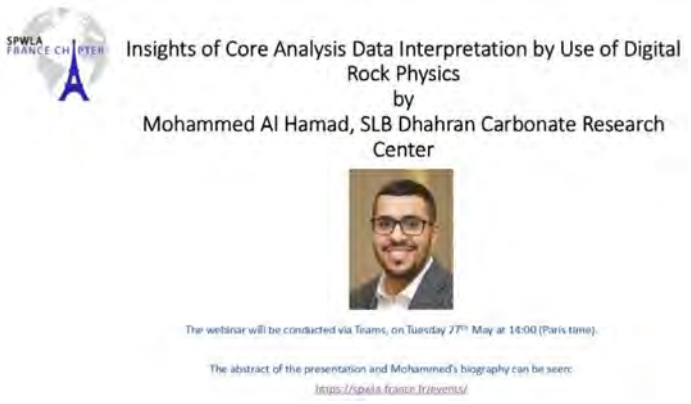
- Céline Fliedner (TotalEnergies) discussed fault-related mud losses and a predictive model for fault activation during drilling.
- Kun Su (TotalEnergies) presented in-situ evidence of caprock creep sealing annuli, offering insights for well abandonment and CO_2 storage.
- Thomas Bérard (SLB) introduced Pressuremeter Testing (PMT) using wireline tools to measure rock static elastic properties in deep boreholes.
- Elisabeth Bemer (IFPEN) shared a basin-scale workflow integrating geological heterogeneity for large-scale CO_2 storage modeling.
- Andreia Mandiuc (SLB) explained the construction and application of 1D/3D mechanical earth models (MEMs) to support well and field integrity.

Geomechanics workshop presenters (Kun Su, Thomas Bérard, Elisabeth Bemer, and Andreia Mandiuc).

The workshop brought together geomechanics experts dedicated to advancing the understanding and application of geomechanics in support of safe and sustainable subsurface operations. It also offered a valuable learning opportunity for PhD students from the University of Grenoble Alpes, helping them gain deeper insights into the role of geomechanics across the energy sector. The highly positive feedback received has strengthened ties with academia and opened the door for increased future participation from university researchers and students.

Participants enjoyed a networking lunch between workshop sessions.

May 2025—SPWLA France hosted a remote technical session on rock physics. As part of the 2024–2025 SPWLA Regional Distinguished Speaker series, **Mohammed Al-Hamad** (SLB) delivered a technically rich presentation titled "**Insights of Core Analysis Data Interpretation by Use of Digital Rock Physics**." The session explored the integration of digital rock physics (DRP) with traditional core analysis to enhance understanding of rock properties, especially under varying stress conditions. Using high-resolution micro-CT imaging combined with physical rock characterization techniques, the study provided a robust methodology to reconcile capillary pressure measurements across different testing methods and stress levels. The talk highlighted how DRP bridges the gap between physical measurements and reservoir-scale interpretations—offering new perspectives for complex formation evaluations, particularly in carbonate reservoirs.



27 June 2025—SPWLA France hosted a technical event dedicated to **Well Data Interpretation Software Solutions,** bringing together leading industry experts and researchers to showcase practical applications across multiple tools. The agenda featured presentations from **SLB, Geoactive, AspenTech, Earth Science Analytics, Kappa Engineering, Prores**, and **The University of Texas at Austin**, covering platforms such as **Techlog, IP, Aspen Geolog, EarthNet, Emeraude & Azurite, Sendra,** and **3D UTAPWeLS**. The event offered valuable insights into integrated interpretation workflows and emerging technologies for core, well-log, and field-scale analysis from both industry and academia. Participants benefited from live demonstrations and expert discussions during the remote session.

Well Data Interpretation Software

Presenter	Software	Company
Javier Leal Sarcos	Techlog & Wellbore Interpretation	SLB
Paul Spooner	IP	Geoactive
Nicolas Poete	Aspen Geolog	AspenTech
Dimitrios Oikonomou	EarthNet	Earth Science Analytics
Juan-Carlos Nunez Frias	Emeraude & Azurite	Kappa Engineering
Muhammad Nur Ali Akbar	Sendra	Prores
Joaquín Ambía	3D UTAPWeLS	University of Texas at Austin

Stay tuned! More exciting events are coming your way in 2025!
LinkedIn: https://www.linkedin.com/company/spwla-france-chapter/
Website: https://spwla-france.fr/events/

HOUSTON CHAPTER

SPWLA Houston Chapter Officers 2024–2026

President	Ron J.M. Bonnie	president@spwla-houston.org
Vice President – Northside	Ali Eghbali (Baker Hughes)	vpnorthside@spwla-houston.org
Vice President – Westside	QinShan "Shan" Yang (GoWell)	vpwestside@spwla-houston.org
Vice President – Downtown	Artur Posenato Garcia (Chevron)	vpdowntown@spwla-houston.org
Secretary	Ronke Olutola (Woodside)	secretary@spwla-houston.org
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Editor	Muhammad Noman Khan (University of Houston)	editor@spwla-houston.org
Webmaster	Tianmin Jiang (ConocoPhillips)	webmaster@spwla-houston.org

President's Corner

Dear Members of the SPWLA Houston Chapter,

Hard to believe, but schools are out, and summer is upon us. Many of us will hit the road, take to the skies, and travel to destinations near and far for a well-deserved break. Enjoy if you do, but first and foremost, be safe.

SPWLA held its annual symposium only a few weeks ago in Dubai. Feedback from all who have attended was positive, and the bar and expectations for the 2026 edition, which will be held in the Margaritaville Lake Resort in Conroe, have been set high.

Conroe is only a stone's throw away from Houston, and I, therefore, kindly ask all our members to consider volunteering and getting involved. Events like this can only be pulled off successfully with the help, efforts, and commitment of numerous volunteers. Login to SPWLA.org and click the volunteer logo to find areas where you'd want to help; direct link: https://www.spwla.org/SPWLA/Volunteer/VolunteerOpportunities.aspx

At the symposium in Dubai, we got to meet the freshly elected International Board of Directors, with Bob Gales as the 2025–26 President and Javier Miranda as President-Elect.

We have mixed feelings about the new VP Technology-Elect, Artur Posenato, as the Houston Chapter has lost a great VP Downtown with Artur's election.

That said, our loss is the IBoD's gain, and we're convinced that Artur will be hugely successful in his new and exciting role. If any of our members are interested in the VP Downtown position, please reach out to me.

Last but not least, the hard work, efforts, and continuous support of Tianmin Jiang, webmaster for the Houston Chapter and the NMR SIG, was recognized with the SPWLA Meritorious Service Award.

As part of our ongoing efforts to stay connected with you and to make sure that you do not miss out on any updates, events, and opportunities, we are refreshing the SPWLA Houston Chapter membership database. You may have seen the announcement on LinkedIn, on our webpage, and/or received an email on the same. Please visit https://forms.microsoft.com/r/A6Xf3f7n0m and fill out the form, which will take only one minute of your time (if that). If you're not a member of the SPWLA Houston Chapter yet, this is as good a time as any to become a member of SPWLA's largest local chapter.

Ron J.M. Bonnie
Houston Chapter President

Sponsors and Friends of the Houston Chapter

Recent Events

Wednesday, April 10, 2025

Westside Technical Talk / Luncheon Meeting

Small-Scale, Near-Site CCS: A Catalyst for Scaling Up Carbon Capture Projects

By: Zach Liu (Harvestone Low Carbon Partners)

Abstract: This presentation delves into the challenges and opportunities of launching CCS projects, addressing key economic barriers, infrastructure requirements, public perception concerns, and competition from emerging technologies. Drawing on the Harvestone Blue Flint CCS project as a real-world case study, it illustrates how smaller-scale, near-site CCS projects can provide a practical and impactful entry point for meeting emissions reduction targets. The session also emphasizes the importance of innovation in overcoming technical and regulatory hurdles, the need for strategic investment to unlock scalability, and the crucial role of public engagement in building support for CCS initiatives. Ultimately, it advocates for leveraging small-scale projects as a stepping stone to accelerate the wider deployment of carbon capture technologies and realize global decarbonization goals.

Biography: Zach Liu, PE, PG, CFA, is the director of subsurface CCUS at Harvestone Low Carbon Partners, where he oversees one of the few active Class VI CO_2 injection operations at the Blue Flint CCS site in North Dakota. With over 25 years of experience in oil and gas, including 15 years focused on CCUS at Kinder Morgan and Harvestone, Zach has built a strong track record of success, having drilled more than 100 CO_2 wells. He is a licensed petroleum engineer, a professional geologist in Texas, and a CFA charter holder. In 2018, he served as President of SPWLA International. Outside of work, Zach enjoys golf and once hit a 202-yard hole-in-one with a 5-iron.

Wednesday, April 16, 2025
"Enhanced AI-Driven Automatic Dip Picking in Horizontal Wells Through Deep Learning, Clustering, and Interpolation, in Real Time"
By: Alexandre Perrier (SLB)

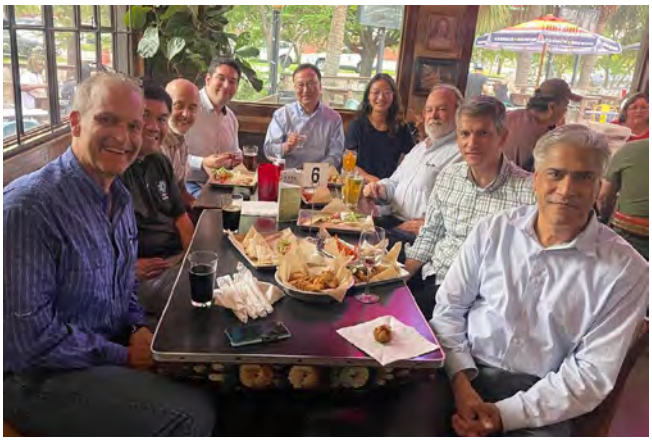
Abstract: The analysis of borehole image logs is important for subsurface studies but becomes especially crucial when extracting real-time structural information for geosteering in horizontal wells. Indeed, these images help extract data about bedding surfaces, fractures, and faults, which enable the construction of 3D reservoir models and optimal well placement for future production optimization. Borehole images in horizontal wells are challenging for dip picking. We observe mainly lengthy parallel and ovoid bedding dip traces called "bull's eyes," as the well trajectory may be subparallel to the bedding. This deviates considerably from the classic model of dip picking, which extracts only sinusoids. So far, the delineation of non-sinusoidal bedding features has relied on marking the trace by a series of manually picked segments. In this paper, we present a method that enables the precise automatic extraction of segments from non-sinusoidal features using an AI model and propose an automated grouping mechanism for the segments. Such a solution is applicable in real-time scenarios, facilitating geosteering guidance.

Our solution is an automated workflow that detects and picks non-sinusoidal bedding dip traces in real time in horizontal well borehole images and computes the corresponding orientation of the structure. The workflow starts with borehole images and the associated segments provided by the "auto dip picking" algorithm. A convolutional neural network detects bedding features and categorizes them as sinusoidal or non-sinusoidal bedding features. Subsequently, segments are regrouped within each bedding feature, creating comprehensive data sets for each feature. Single-segment sinusoidal features are preserved, while multi-segment ones undergo an advanced clustering mechanism based on orientation and on the derivative of the sinusoidal function associated with the segment. Meanwhile, parallel and "bull's-eye" structures undergo a transformative process: a recursive approach connects segments within the same layer. Then, we compute each layer's global orientation. Our study yielded significant outcomes by automatically detecting non-sinusoidal bedding features and computing associated dips from borehole images in horizontal wells. The integration of our advanced workflow reduced manual intervention. In addition, this workflow is versatile, catering not only to horizontal wells but also to vertical ones. We provide a solution capable of handling simultaneously non-sinusoidal bedding and sinusoidal bedding features automatically with just one click. By embracing automation, we also eliminate subjective interpretations, ensuring a standardized and efficient analysis process.

Biography: Alexandre Perrier is a geologist and interpretation development engineer at the SRPC Engineering Center in Clamart, France, with over 3 years of experience in oil and gas field development. He began his career at TotalEnergies in 2019, focusing on dynamic reservoir simulations, before moving to the academic research team RING of the Université de Lorraine and CNRS in 2020, where he worked on automating sequence stratigraphy analysis. In 2021, Alexandre joined SLB, where he specializes in the interpretation of borehole images. He holds a master's degree in geosciences and another in reservoir modeling and simulation. Currently, his work centers on developing innovative answer products and digital solutions for both the oil and gas industry and new energy applications. An active member of SPWLA, Alexandre has also published and presented a technical paper at the 2024 SPWLA Symposium, highlighting his research in SLB on automating dip picking in horizontal wells.

SPWLA Houston Chapter Networking Event
When: Last Thursday of each month, 5:00 to 8:00 pm
Location: Cedar Creek Bar & Grill, 1034 West 20th Street, Houston, TX 77008

The SPWLA Houston Chapter invites all members to join Chapter Board members for an evening of casual conversation and networking with fellow petrophysicists and peers from other disciplines. Petrophysics, geology, geophysics, reservoir engineering, and management are all represented at most meetings. Often, there was also the opportunity to meet current and past SPWLA International Board members and recognized industry leaders. We look forward to seeing you there! SPWLA Houston is committed to hosting engaging and enjoyable activities for our members. If you're interested in sponsorship opportunities, feel free to reach out.



Upcoming Events
July 2025
11:30 am–1:00 pm SLB – 6350 West Sam Houston Parkway North Houston, TX 77041
Westside Technical Talk / Luncheon Meeting

August 2025
11:45 am – 1:00 pm Virtual Event – Downtown Technical Talk / Lunch Webinar

JAPAN FORMATION EVALUATION SOCIETY (JFES)

Recent Events
28 March 2025—The 2025 JFES Distinguished Lecture welcomed more than 20 attendees.

Presentation 1
Title: "From Leak Path Detection to Quantitative Flow Profiling: The Exciting Journey of the Noise"
Speaker: Giuseppe Galli, Eni S.p.A

Upcoming Events
18 July 2025—The 127th Chapter Meeting: We are pleased to announce the JFES Distinguished Lecture. This is an in-person/online hybrid event, and the registration site is now open.

Time: 15:30-17:30 pm (JST)
Registration: Registration for the 127th JFES Chapter Meeting

Presentation 1
Title: "Leveraging Generative AI for Energy Industry – Insights From SLB Tokyo and Value Creation Through SLB Digital Solution"
Speakers: Tomomi Ninomiya (SLB Digital & Integration, senior geologist) and Takashi Asano (SLB Digital & Integration, geoscience/digital manager)

Presentation 2
Title: "Revolutionizing Drilling Operations: The Integration of DrillOps™ Solutions for Enhanced Quality, Automation, and Efficiency"
Speaker: Chao Chen (SLB Digital & Integration, digital drilling business development manager)

Presentation 3
Title: "Digital Advancements in Reservoir and Production Engineering"
Speaker: Hirotatsu Yamabe (SLB Digital & Integration, petroleum engineering/geomechanics manager)

8–10 October 2025—30th JFES Annual Symposium: We are organizing the 30th JFES Annual Symposium and are seeking enthusiastic Technical Committee Members who are willing to volunteer their time to review technical papers and participate in discussions about conference operations. If you are interested, please contact us at info@spwla-jfes.org.

8 October 2025—The Geomodeling Workshop is to be held ahead of the 30th JFES Annual Symposium. The JFES Geomodeling Workshop brings together industry and academic experts. This event is the perfect platform to:

- Develop insights into the Japan reservoir modeling scene
- Understand current reservoir modeling challenges faced by the main Japanese energy companies
- Connect with the Japan-based reservoir modeling community
- Have rich technical discussions and collaborate with your peers to contribute to the future of reservoir modeling in Japan

If you have a strong case study showcasing the usage of formation evaluation data to reach superior reservoir modeling results, please consider submitting an abstract (300–600 words) for the following topics:

- (Un)conventional oil and gas reservoir modeling for both clastics/carbonates inside and outside Japan
- Carbon capture and storage reservoir modeling practices
- Geothermal and other new energies reservoir modeling latest updates
- Geomechanical recent advancements

Further information can be found at: https://www.spwla-jfes.org/ja/call-for-abstracts-geomodelling-workshop/.

HYDROCARBON RESOURCES SIG

The SPWLA Hydrocarbon Resources Special Interest Group (SIG) represented SPWLA in the past Oil and Gas Reserves Committee (ORGC) intersociety meeting on May 12, 2025. All professional societies, including SPE, AAPG, SEG, EAGE, etc., were represented there. Javier Miranda, SIG President 2024–2025, was present at this event in Houston on behalf of SPWLA. A summary of our recent activities was shared with other professional societies in attendance at this meeting held at SPE headquarters in Houston, Texas. This meeting was also aligned with the new PRMS version coming at the end of 2028.

The Oil and Gas Reserves Committee (OGRC) is responsible for programs related to oil and gas reserves and resources matters, including reserves and resources definitions, terms, recommended practices, and standards. The committee shares reserves and resources information with other organizations, agencies, and companies involved in reserves matters, including collaboration with other committees and organizations in the development and delivery of relevant training courses.

The committee currently has a chair, vice-chair, and 16 members who are degreed engineers and geoscientists with 10+ years of experience in reserves and resources estimation. There are also eight observers to the OGRC who represent their respective societies on reserves matters. Currently, observers represent the Society of Petroleum Evaluation Engineers (SPEE), the American Association of Petroleum Geologists (AAPG), the Society for Exploration Geophysicists (SEG), the Society of Petrophysicists and Well Log Analysts (SPWLA), the World Petroleum Council (WPC), the European Association of Geoscientists and Engineers (EAGE), The International Accounting Standards Board (IASB), and the Expert Group on Resource Management (EGRM) of the United Nations Economic Council of Europe. Additional details of the ORGC and work done can be found on the website: Oil & Gas Reserves Committee.

The *Petroleum Resources Management System* (PRMS) and the *Guidelines for Application of the PRMS* (the Guidelines Document) are administered by the Society of Petroleum Engineers (SPE) and were discussed by all the endorsing societies present at this meeting. Current PRMS and Application guidelines are being reviewed and updated. A copy of the PRMS can be obtained at this address (public domain): https://www.spe.org/en/industry/reserves/

Oil and Gas Reserves Committee Meeting in May 2025.

The Hydrocarbon Resources SIG had a successful participation in the SPWLA Annual Symposium in May via a workshop prepared by the SIG and a special guest. This workshop was taught by SIG leaders Javier Miranda (independent consultant), Phillip Gibbons (Gaffney Cline), Brett Gray (Ryder Scott), Luis Quintero (Halliburton), and special guest Robert Laronga (SLB) on Sunday, May 18, offered in-person only, as was all the rest of the conference activities.

More details about our workshop are as follows, including a summary of what participants learned and an outline:

WORKSHOP 10: The Importance of Petrophysics in Resources, Reserves and Storage Estimation and Overview of PRMS and SRMS

Abstract: Resources, reserves, and storage estimation is an essential task in our industry for internal resources accounting, risk assessment, financial transactions, and regulatory reporting. To ensure consistency, transparency, and reliability for these estimations, several entities (E&P industry, governments, and stock markets) have developed estimation guidelines. This workshop will cover the most prevalent and internationally recognized industry guidelines, the Petroleum Resources Management System (PRMS) and Storage Resources Management System (SRMS), sponsored by SPE, AAPG, WPC, SPEE, SEG, EAGE, and SPWLA. So, what is the role of petrophysics in resources, reserves, and storage assessment in line with these guidelines?

Workshop Outline:

- Overview of Petroleum Resources Management System (PRMS) and Other Guidelines
- Key Principles of PRMS
- Classification, Framework, and Definition of Resources
- The Role of Petrophysics in Resources and Reserves Estimation
- Net Pay and Other Key Concepts in Resources Definition
- Evaluation and Integration Methods
- Introduction to the 2022 Updated PRMS Application Guidelines
- Overview of Carbon Capture, Utilization, and Storage (CCUS) Projects
- Introduction to the CO_2 Storage Resources Management System (SRMS)
- The Role of Petrophysics in Storage Resources and Capacity Estimation in Line With SRMS

We want to thank all participants in our recent workshop, "The Importance of Petrophysics in Resources, Reserves and Storage Estimation and Overview of PRMS and SRMS," for their active participation and valuable contributions. Their engagement played a key role in making the session productive and insightful.

We also want to express our gratitude to Gaffney Cline, Ryder Scott, Halliburton, and SLB for the support of our instructors and participation in the SPWLA Annual Conference.

SPWLA 2025 Workshop 10 in Dubai, UAE.

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 petrophysics-related 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 definition of rock properties in the assessment of hydrocarbon resources and future updates of reserves and resources."

Since its inception in 2020, our SIG has worked with the SPE OGRC in the update of the Guidelines for Application of the Petroleum Resources Management System (PRMS Application Guidelines). In particular, the SIG created Chapter 5 on Petrophysics, published in 2022 in the PRMS Application Guidelines document: (https://store.spe.org/Guidelines-for-Application-of-the-Petroleum-Resources-Management-System-PRMS-P1221.aspx?ItemId=2078561&Options=2899&_ga=2.71002070.730520363.1667833216-575030064.1599587895)

Current updates and discussions about expanding this chapter with other topics are in progress among our SIG, coordinated with SPE OGRC. This has been one of the most important topics discussed in our regularly scheduled meetings three to four times a year, in an online format so far for the general meetings, although sometimes in person with the inaugural board members located in the US. As we diversify our membership and board, now with board members on three continents and general membership on four continents, it will be online with potential in-person meetings during the annual meeting. We also represent the main hydrocarbon resources auditing and certification firms in the world, with additional representatives from operating and service companies.

We are glad to extend an open invitation to our meetings and activities as well as welcome any member interested in joining our steering board, exchanging experiences, and socializing through technical discussions, workshops, and social activities to discuss good practices, industry standardizations, and the evolution of measurements in key parameters as technology evolves. The group is open to all current SPWLA members, and interested colleagues are encouraged to become SPWLA members. If you are interested and/or planning to attend the annual conference, we will be delighted to meet you all for a coffee to go over the topics mentioned in this news release.

SPWLA Hydrocarbon Resources Board (2025–2026)

Javier Miranda (SIG President 2024–2025) was elected in March as SPWLA International President-Elect 2025–2026; therefore, a new board was selected to lead our SIG in the new year. The new board will be as follows:

President: Philip Gibbons (Gaffney Cline)

Vice President: Brett Gray (Ryder Scott)

Secretary: Maria Florencia Segovia (SierraCol)

Advisor and Past SIG President (2024–2025): Javier Miranda (independent consultant)

Advisor and Past SIG President (2022–2024): Joshua Oletu (Gaffney Cline)

Advisor and Past SIG President (2019–2022): Luis Quintero (Halliburton)

Are you a professional in petrophysics who is excited about resources quantification and characterization and wants to share your ideas and experiences? Our group is always looking for volunteers to help shape content and keep the conversation going on our subject.

Our SIG board is currently looking for members to serve on the board. We appreciate if you are interested in serving in our SIG to contact us via email at reserves_sig@spwla.org

KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS (KFUPM) STUDENT CHAPTER

General News

The SPWLA-KFUPM Student Chapter successfully concluded a year full of achievements, including international competition wins, training workshops, recognition ceremonies, and community engagement events. As the chapter opens applications for its new executive board, it continues to foster leadership, innovation, and academic excellence.

Recent Events

10 May 2025—The SPWLA-KFUPM Student Chapter Closure Dinner Ceremony was held to mark the end of the academic year with a memorable social gathering. The event took place at a local restaurant and brought together students and professors in a relaxed and friendly atmosphere, fostering meaningful interaction beyond the classroom setting. This special evening served as a platform to celebrate the efforts and achievements of the chapter throughout the year. Students engaged with each other and their professors, exchanging ideas, experiences, and future plans, which contributed to strengthening the chapter's sense of community. A highlight of the event was the recognition and appreciation of the chapter's mentors and volunteering students, who played a vital role in the success of our activities. They were presented with small gifts and certificates of appreciation as a token of gratitude for their dedication and support. Overall, the closure dinner not only marked the end of a productive year but also reinforced the bonds within the SPWLA-KFUPM community, paving the way for continued collaboration and success in the coming terms.

12 May 2025—The SPWLA-KFUPM Student Chapter Certificate Ceremony for Petrel Attendees was hosted on campus to celebrate the successful conclusion of the academic year and recognize the contributions of participants in our recent activities. The event began with a formal certificate distribution for students, researchers, and faculty members who actively participated in the Petrel software training workshop. Following the certificate ceremony, the SPWLA Student Chapter was proudly presented to the audience, highlighting our mission, vision, and the wide range of activities conducted throughout the year. A recap of past technical seminars, workshops, and social events was shared, emphasizing the value and impact of student engagement. Additionally, we introduced the benefits of SPWLA membership on a global scale, encouraging attendees to join the community and be part of a worldwide network of professionals in petrophysics and formation evaluation. The event concluded with networking and discussions among students and faculty, setting a positive tone for future collaboration and involvement. The ceremony was a reflection of the chapter's commitment to excellence, learning, and unity.

18 May 2025—KFUPM Students Excel at the International SPWLA Paper Contest. The KFUPM student delegation proudly represented the university at the prestigious International SPWLA Student Paper Contest, where students from around the world competed across the Bachelor's, Master's, and PhD categories. This global platform showcased cutting-edge research in petrophysics and formation evaluation. Our students delivered outstanding performances, with five out of nine finalists securing top positions. Remarkably, KFUPM students earned **1st place in all three categories**—Bachelor's, Master's, and PhD. Additionally, **2nd place in the Master's category** and **3rd place in the PhD category** were also secured by our talented participants. Further underscoring the innovation and quality of research conducted at KFUPM, **two of our students received the NMR Special Award**, highlighting the novelty and significance of their contributions to nuclear magnetic resonance studies. These achievements reflect the hard work, discipline, and scientific excellence of our students, as well as the strength of the research being conducted at our university. We extend our heartfelt appreciation to KFUPM for its unwavering support, to the advising committee for their invaluable guidance, and to our chapter mentors for their continuous encouragement and mentorship. This accomplishment marks a proud moment for the SPWLA-KFUPM Student Chapter and reinforces our standing as a leading institution in petrophysical research and education.

29 May 2025—Celebration Ceremony for KFUPM Winners at the International SPWLA Paper Contest. The SPWLA-KFUPM Student Chapter proudly organized a celebration

ceremony to honor our outstanding students who excelled at the International SPWLA Student Paper Contest. The event was held to recognize and appreciate the remarkable achievements of our representatives, who secured **1st place in all categories (Bachelor's, Master's, and PhD)**, along with **2nd place in Master's**, **3rd place in PhD**, and **two NMR Special Awards**—a historic accomplishment for our university. During the ceremony, the winners shared their experiences and research journeys, offering valuable insights and encouraging words to fellow students. Their stories served as a source of inspiration, emphasizing that dedication, innovation, and strong mentorship can lead to global recognition. The event also aimed to motivate other students to pursue research excellence and consider participating in international competitions. By celebrating these achievements, the chapter highlighted the importance of aiming high and stepping beyond the classroom to make a real impact in the scientific community. The ceremony concluded with words of appreciation for the university's support, the advising committee, and our chapter mentors, whose guidance was instrumental in achieving these successes. This celebration not only honored our winners but also sparked enthusiasm among peers, strengthening the spirit of academic excellence and ambition within the KFUPM student body.

30 **May 2025—SPWLA-KFUPM Student Chapter Opens Registration for New Executive Board.** The SPWLA-KFUPM Student Chapter officially opened registration for the new executive board, inviting motivated students to take part in leading one of the most active and recognized scientific student chapters on campus. This opportunity is open to students who are eager to contribute, grow, and make an impact within the petrophysics and geoscience community. During the announcement, the chapter highlighted the numerous benefits of being part of the executive team, including the development of leadership, communication, event organization, and teamwork skills. Students were also informed about the unique networking opportunities, close interaction with industry professionals, and exposure to international platforms that come with being part of SPWLA. Volunteering in the chapter has proven to be a valuable experience for many, enhancing both professional and personal growth. The registration marks the beginning of a new chapter for student leadership, aiming to continue the legacy of excellence, innovation, and collaboration.

Upcoming Events

SPWLA-KFUPM Student Chapter Executive Board Selection

The SPWLA-KFUPM Student Chapter is excited to announce the upcoming selection process for its new executive board. The chapter will begin receiving applications from interested students who wish to join the leadership team and play an active role in shaping the future of the chapter.

Applicants will undergo an interview process, where they will be considered for various executive positions based on their interests, skills, and enthusiasm to contribute. This selection aims to ensure a strong, committed team that can continue the chapter's tradition of excellence.

Once the new board is formed, they will begin developing a fresh activity plan for the upcoming academic year, including technical workshops, seminars, field trips, and social events. This is a great opportunity for students to engage in leadership, enhance their professional skills, and make a lasting impact on the SPWLA-KFUPM community.

SPWLA-KFUPM Student Chapter certificate ceremony for Petrel attendees.

SPWLA-KFUPM Student Chapter closure dinner ceremony.

International SPWLA Paper Contest participants in Dubai.

Celebration ceremony for KFUPM winners at the International SPWLA Paper Contest.

LONDON PETROPHYSICAL SOCIETY (LPS)

General News

The London Petrophysical Society (LPS) has continued to engage its members in 2025. We first would like to extend our sincere gratitude to our sponsors for their continued generosity and support. These contributions are essential in enabling us to fulfill our mission of advancing the field of petrophysics and fostering a strong professional community in London and beyond. Below are our current sponsors:

Recent Events

22 May 2025—The London Petrophysical Society held its May Evening Lecture featuring the Iain Hillier Award Winners' presentations at Burlington House. The event featured four presentations from the academic award winners, presenting their PhD research to the LPS members, followed by wine and nibbles. Andrew Evans (University of Manchester) discussed "Liberating Lithium From Subsurface Resources," and Daniela Navarro Pérez (University of Leeds) presented her work on reservoir characterization and gas production modeling from Chilean tight sandstone. Wurood Alwan (University of Leeds) showcased the use of machine learning to distinguish mineral phases and pore morphologies in carbonates, and Hager Elattar (also University of Leeds) introduced new techniques for developing unconventional carbonate reservoirs. The evening highlighted the depth of emerging talent in the petrophysics community and the relevance of academic research to real-world energy challenges.

The 2024 Iain Hillier Award winners presented their research to the London Petrophysical Society at the May evening lecture on May 22, 2025.

19 June 2025—The London Petrophysical Society hosted a successful all-day seminar on "Everything Coring," bringing together coring experts from across the industry. Presentations covered a wide range of topics—from Iulian Hulea (Shell) discussing petrophysical insights and matrix property prediction to Elisabeth Steer (British Geological Survey) sharing strategies for maximizing value from the acquired core. Chris Pentland (North Sea

Transition Authority) explored the role of coring in CO_2 storage, while El-Saied Hassan (SLB) presented advanced sidewall coring recovery solutions. The day also included talks on 3D core scan visualization, operational best practices for core recovery, and the evolving value of core-to-subsurface understanding. Attendees enjoyed a dynamic exchange of ideas and concluded the event with a networking reception.

Upcoming Events

LPS currently has two planned upcoming events, with many more engaging events to be announced soon.

Event	*Date*
July Evening Lecture	TBD
SPWLA 2026 UDAR Conference	23–25 March 2026

Location
The Geological Society, Burlington House
The Geological Society, Burlington House

The LPS will proudly host the SPWLA 2026 UDAR Topical Conference in March 2026, focused on the latest advancements in ultradeep azimuthal resistivity (UDAR) technologies. The event will bring together global experts for a dynamic program of technical presentations, educational sessions, and networking opportunities. Expect in-depth discussions on cutting-edge UDAR applications, emerging tools, and real-world field experiences from leading industry and academic professionals. SPWLA members have the opportunity to submit abstracts with a deadline of **August 1, 2025**.

NORWEGIAN FORMATION EVALUATION SOCIETY (NFES) CHAPTER

General News

Month	Title	Presenter
jan.25	Obtaining Remaining Oil Saturation For The Johan Sverdrup Field From a Variety of Logging Data Reservoir fluid properties from cuttings: An innovative Synergy of Gel Permeation Chromatography and Data Analytics	Brice Fortier Alexandra Cely
feb.25	CORE SCANNER FOR ELECTRICAL PROFILING OF FULL-BORE CORES AT THE WELL SITE WITH ADVANCED PULSE ELECTROMAGNETIC TECHNOLOGY	Dler Mirza
mar.25	President of Society of Petrophysicists and Well Log Analysts (SPWLA) CCUS from emitter to storage – where are we and what do we need?	Iulian Hulea Charlie August
apr.25	Geothermal Energy in the Nordics: Drilling and Sustainable Utilization	Kirsti Midttømme
mai.25	Prototype HLT Pilot Testing Offshore Norway 2024	Trond Rolfsvåg
jun.25	Energy Transition Outlook and the role of Norwegian Oil & Gas	Geir Egil Eie

Affiliation	Attendance (incl speaker) at the Gård	Attendance (incl speaker) via Teams	Attendance (incl speaker) Total
Discipline leader for petrophysics at Equinor Principal reservoir engineer at Equinor	32	3	35
Subsurface Manager at Aker BP The President of NFES	29	7	36
The President of SPWLA Regions Business Development Leader for CCUS at Baker Hughes	24	7	31
chief scientist at NORCE	25		25
CEO of Hydrophilic	23	6	29
Head of Technology Centre's Northern Europe in DNV	26	5	31

Recent News

7 May 2025—NFES hosted a very interesting monthly technical meeting given by Trond Rolfsvåg (CEO of Hydrophilic) with the following title: **"Prototype HLT Pilot Testing Offshore Norway 2024."**

NFES Technical meeting, held on May 7, 2025, in Stavanger. Venkat Jambunathan, NFES VP Program, presents the NFES ice bear in gratitude for a well-attended and delivered presentation given by Trond Rolfsvåg (CEO of Hydrophilic) (to the right).

4 June 2025—The Annual General Assembly (Årsmøte) 2025 of the Norwegian Formation Evaluation Society (NFES) was held in public prior to the technical meeting in person in the Solastranden Gård with the following agenda:

1. Approval Annual and Financial Report 2024
2. Relief past NFES board (2024/25) and reconfirm for 2025–2026/27
3. Membership status report
4. Technical meetings and one-day seminar
    a. NFES and NORCE Geosteering workshop
5. Sponsorship status – how can we achieve the required budget
6. Field trip plans
7. Future IT systems, LinkedIn, and web presence/ support
8. Student support budget 2025–2026 (Norway)
9. AOB

Several NFES board posts, including the presidency, were up for election. The posts were up for voting at the end of the meeting, and the new board was confirmed as follows:

Board Position	Name	Affiliation	Duration
President	Dler Mirza	Aker BP	2025/27
VP Program	Venkat Jambunathan	Halliburton	2025/27
VP Membership	Subhadeep Sarkar	Vår Energi	2025/27
VP Technology	Irada Yusufova	Equinor	2025/27
VP PR & Academia	Sergey Alyaev	NORCE	2024/26
VP Sponsorship	Annette Larsen	Logtek	2024/26
VP Finance	Torunn Hana	Repsol	2024/26
VP Energy Transition	Lina Bore	Baker Hughes	2024/26

4 June 2025—NFES hosted a very interesting talk given by Geir Egil Eie (Head of Technology Centre's Northern Europe in DNV) with the following title: **"Energy Transition Outlook and the Role of Norwegian Oil & Gas?"**

NFES Technical meeting, held on June 4, 2025, in Stavanger. Lina Bore, NFES VP Energy Transition, presents the NFES ice bear in gratitude for a well-attended and delivered presentation given by Geir Egil Eie (Head of Technology Centre's Northern Europe in DNV) (to the right).

NFES 2024 Sponsors

SOUTHWEST CHINA CHAPTER

Recent Events

27 April 2025—The European Geosciences Union General Assembly (EGU General Assembly 2025) was held in Vienna, Austria. From April 27 to May 2, Professor Xin Nie and Associate Professor Gong Zhang of Yangtze University attended the conference as faculty representatives of the SPWLA Southwest Chapter (SPWLA-SW).

Professor Xin Nie and Associate Professor Gong Zhang attended the EGU General Assembly 2025.

Professor Nie delivered an oral presentation titled "A Novel Water Saturation Well-Logging Evaluation Model for Tight Carbonate Gas Reservoir Based on Pore-Throat Radius Ratio From SEM Images" in the session "Advances in Petrophysics and Rock Physics: Integrating Models, Experiments, and Field Geophysics Across Scales for Geo-Reservoir Studies." His presentation attracted considerable attention from experts and scholars both at home and abroad. Associate Professor Zhang served as a convener of the session "Low Field NMR Techniques – Theory, Instrument, and Application in Geosciences" and engaged in extensive discussions with researchers from around the world.

Professor Xin Nie delivered an oral presentation at the EGU General Assembly.

Their participation significantly enhanced the visibility of the SPWLA-SW Chapter and expanded its influence in the global fields of well logging and rock physics. Through attending peer presentations and face-to-face exchanges, they gained valuable insights into the latest developments in rock physics, digital cores, carbonate and complex lithology reservoirs, and machine-learning applications.

During a break in the conference, Professor Nie gave an impromptu performance of the Chinese song, "I Contribute Oil to My Motherland," which received enthusiastic applause from the audience. Professor Damien Jorgnot of Sorbonne University, one of the session conveners, posted a video of the performance on LinkedIn with the comments: "Unexpected recital by Xin Nie — unanimously elected the best petrophysicist singer of EGU 2025!"

This heartfelt performance not only showcased the charm and warmth of Chinese scholars but also brought greater international attention and recognition to experts in the well-logging and petrophysics community.

4 June 2025—The 10th "Graduate Academic Exchange Month" at the University of Electronic Science and Technology of China (UESTC) hosted a significant academic event. Prof. Hengshan Hu (Harbin Institute of Technology (HIT)) was invited to deliver a special academic lecture titled "Displacement and Deformation Caused by P-Waves" for faculty and students. This event was co-hosted by the UESTC Graduate School and the SPWLA Southwest China Chapter and co-organized by the School of Resources and Environment and the SEG UESTC Student Chapter. The lecture was chaired by Professor Hua Wang, Vice Dean of the School of Resources and Environment. Prof. Hengshan Hu currently serves as the Chair of the Professor Committee in the Department of Aerospace Science and Mechanics at the Harbin Institute of Technology (HIT). He is a Council Member of the Acoustical Society of China and has been honored with titles such as HIT's Golden Teaching Award Professor and Model Mentor Award for Virtue Cultivation. Professor Hu has long been dedicated to teaching and research in elastic wave theory, possessing profound academic expertise in the fields of acoustic well logging, rock physics, and seismic wave research.

During the lecture, Professor Hu lucidly explained the physical significance of the shear modulus in the P-wave velocity formula, clearly stating that P-waves not only cause volumetric strain but also generate shear strain. He provided a professional and clear interpretation of the mechanical implications of the Lamé constants. Particularly noteworthy, Professor Hu presented a concise proof demonstrating how rotational waves (S-waves) induce shear strain, using the example of a uniform plane transverse wave – a demonstration showcasing his profound theoretical mastery. Addressing the challenging issue of measuring S-wave velocity in soft formations within the field of acoustic well logging, Professor Hu innovatively proposed that the first-arrival compressional wave at the borehole wall is essentially a combination of the compressional body wave and the shear body wave. He further demonstrated the feasibility of inverting for S-wave velocity in soft formations using monopole acoustic-well-logging full-wave data.

(From left to right in the photo) Mr. Ning Zhao, instructor, College of Geophysics, Chengdu University of Technology (CDUT); Prof. Hua Wang, Vice Dean, School of Resources and Environment, University of Electronic Science and Technology of China (UESTC); Prof. Hengshan Hu, School of Astronautics, Harbin Institute of Technology (HIT); Associate Professor Jingjing Zong, School of Resources and Environment, University of Electronic Science and Technology of China (UESTC); Mr. Zhen Li, instructor, State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation Engineering, Chengdu University of Technology (CDUT).)

Following the lecture, a lively academic discussion unfolded between Professor Hu and the attending faculty and students. Professor Hu provided detailed responses to the specialized questions raised by the audience, fostering a rich academic atmosphere on site. In closing, Professor Hu sincerely invited faculty and students from the University of Electronic Science and Technology of China (UESTC) to visit the Harbin Institute of Technology (HIT) for academic exchange and visits. This invitation laid a solid foundation for future in-depth collaboration between the two universities.

UIS STUDENT CHAPTER – COLOMBIA

Board of Directors
President: Julian David Anaya Florez
Vice President: Kevin Yesid Lozano Sanchez
Fiscal: Ivan Danilo Amado Pedraza
Secretary: Valentina Parra Henao
Treasurer: Stefany Gabriela Peñaranda

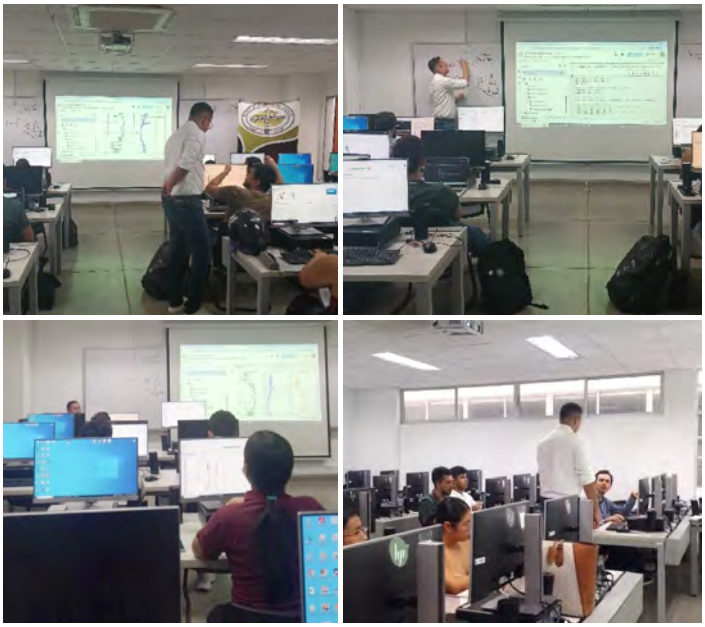
General News

- On July 1, 2025, a new board of directors will take office to support the activities of SPWLA UIS.
- During the month of June, calls for applications were held to recruit new members.

Recent Events

14 May 2025—The SPWLA UIS Student Chapter opened applications for new members until May 14, with the aim of encouraging more students to become involved in our activities and board of directors.

12 May 2025—Webinars: Geosteering and Wellbore Image Logs: Two webinars were held thanks to the support of engineers Nelson Suarez and Marta D'Angiola (our regional director), where topics such as geosteering and wellbore image logs were discussed. We had the participation of approximately 70 attendees from Colombia and Argentina.



16 May 2025—Course Visualization and Interpretation of Well Logs With Python: We held this course with the support of geologist Manuel Daza. The objective of the course was to develop methodologies for well-log visualization and advanced petrophysical analysis. The event was attended by students of geology and petroleum engineering.

Upcoming Events

August 2025—Talks about Job Opportunities, Resumes, and Experiences With Colleagues Abroad: With the support of the SPE UIS and ACIPET UIS Student Chapters, we will host a two-day event focused on topics such as résumé improvement tips, job interview preparation, students' experiences in international events and exchange programs, and internship or exchange opportunities

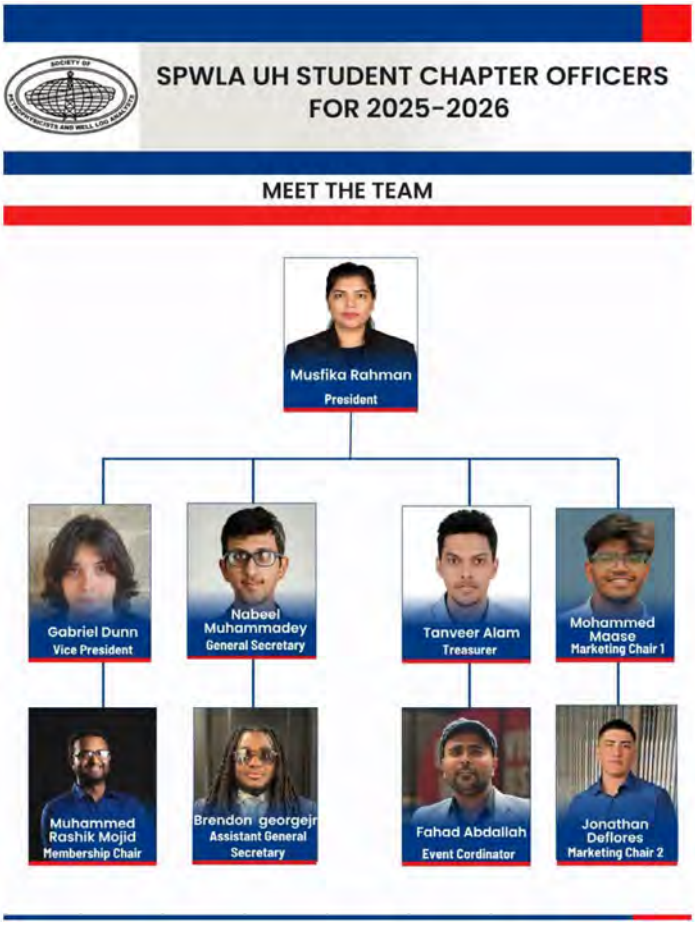
for students. The attached image is not the official promotional material for the event but has been included to illustrate the nature of the event.

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/

UNIVERSITY OF HOUSTON STUDENT CHAPTER

General News

Chapter Officer Team Elected: We are pleased to announce the newly elected board officers for the 2025–2026 academic year! Their commitment to the SPWLA UH Chapter promises an exciting year ahead, full of growth and innovation.



SPWLA-UH Chapter Officer Team 2025–2026.

THE UNIVERSITY OF TEXAS AT AUSTIN STUDENT CHAPTER

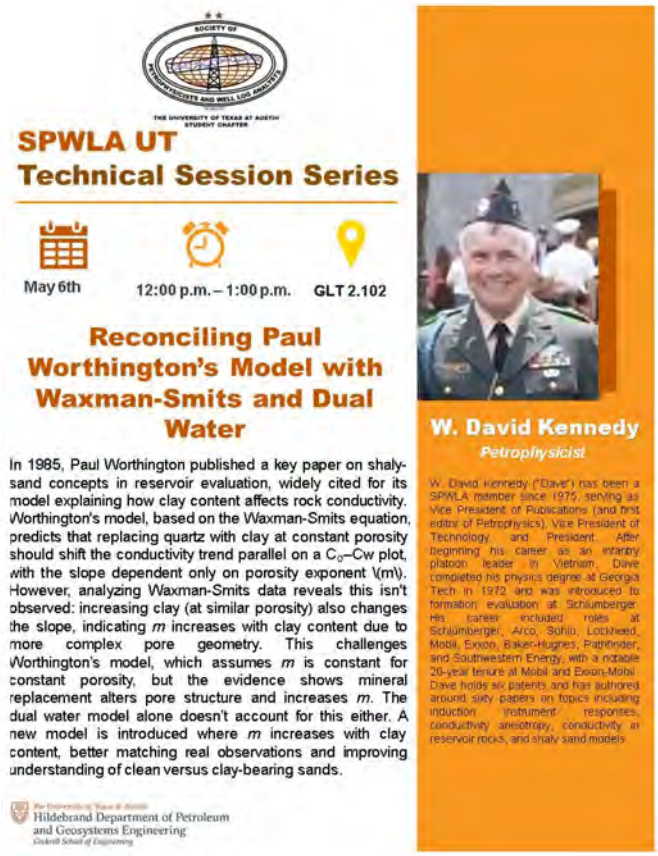
General News

On behalf of the SPWLA University of Austin Chapter, we are delighted to share a summary of our recent events and activities during April and May 2025, as well as an exciting preview of what's ahead.

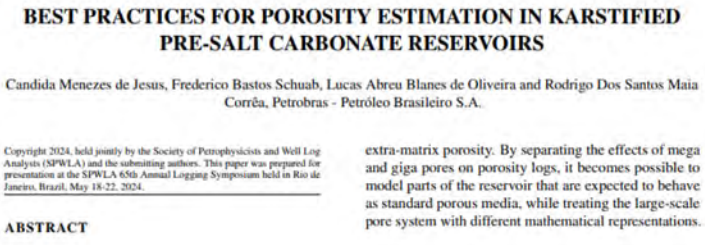
Recent Events

18 April 2025—Our chapter was privileged to host **Alexandre Perrier** for a technical presentation titled "**Enhanced AI-Driven Automatic Dip Picking in Horizontal Wells Through Deep Learning, Clustering, and Interpolation in Real Time**." The event was highly informative, with **Dr. Perrier** offering deep insights into subsurface exploration.

6 May 2025—Our chapter was privileged to host **W. David Kennedy** for a technical presentation titled "**Reconciling Paul Worthington's Model With Waxman-Smiths and Dual Water**." The event was highly informative, with **Dr. Kennedy** offering deep insights into subsurface exploration.



13 May 2025—Our chapter was privileged to host by **Candida Menezes de Jesus** for a technical presentation titled "**Best Practices for Porosity Estimation in Kartified Presalt Carbonate Reservoir**." The event was highly informative, with **Ms. Menezes de Jesus** offering deep insights into subsurface exploration.


BEST PRACTICES FOR POROSITY ESTIMATION IN KARSTIFIED PRE-SALT CARBONATE RESERVOIRS

Candida Menezes de Jesus, Frederico Bastos Schuab, Lucas Abreu Blanes de Oliveira and Rodrigo Dos Santos Maia Corrêa, Petrobras - Petróleo Brasileiro S.A.

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ABSTRACT

extra-matrix porosity. By separating the effects of mega and giga pores on porosity logs, it becomes possible to model parts of the reservoir that are expected to behave as standard porous media, while treating the large-scale pore system with different mathematical representations.

17 May 2025—SPWLA had a significant presence at the SPWLA 66th Annual Symposium, where students showcased their work and participated in various engaging presentations and social events.

SPWLA UT-Austin members and alumni during the SPWLA 66th Annual Symposium social gathering.

Pallavi Sahu, graduate research assistant and member of the SPWLA UT Student Chapter, presented her paper: “Assessment of Textural Heterogeneity Tensor Using 3D Micro-CT-Scan Images.”

Pallavi Sahu during the SPWLA 66th Annual Symposium.

Dalma Cerra, graduate research assistant and President of the SPWLA UT Student Chapter, presented her paper: “Tortuosity Assessment for Reliable Permeability Quantification Using Integration of Hydraulic and Electric Current Flow in Complex Carbonates.”

Dalma Cerra during the SPWLA 66th Annual Symposium.

31 May 2025—Our chapter had the last meeting with the board 2024–2025. We gave great recognition to the board. We opened the election for the presidency, and we established a new board for 2025–2026.

The 2025–2026 SPWLA UT-Austin Board.

Upcoming Events

- Introducing the SPWLA UT-Austin Student Chapter to new students during orientation week and a potluck dinner.
- Campaign to enhance undergraduate participation in SPWLA events at UT-Austin.

YANGTZE UNIVERSITY STUDENT CHAPTER

Recent Events

The SPWLA 66th Annual Symposium was grandly held in Dubai. As a key component of the conference, the International Student Paper Contest (ISPC), organized by SPWLA, stands as one of the most influential student academic competitions in the fields of petrophysics and well logging.

17 May 2025—Two outstanding students, Mr. Sen Liu and Mr. Shuoqi Yang, were selected and recommended by the SPWLA Yangtze University Student Chapter and successfully advanced to the global finals of the SPWLA International Student Paper Contest (ISPC), representing our chapter on the international stage alongside top students from around the world.

Mr. Shuoqi Yang delivered an oral presentation at the conference.

Mr. Sen Liu and Mr. Shuoqi Yang with Advisor Professor Xin Nie at the SPWLA Annual Meeting.

In the competition, Mr. Shuoqi Yang competed in the undergraduate division with his presentation titled "Saturation Evaluation Model of Tight Carbonate Reservoir Based on Pore Structure Characteristics," demonstrating a solid understanding of the relationship between pore structure and saturation evaluation in tight carbonate reservoirs. In the master's division, Mr. Sen Liu presented his research on "Prediction Method of 2D Porosity From Shale Digital Core Classification and Logging Data," highlighting his ability to integrate digital core analysis with well-logging data and showcasing innovative thinking in shale reservoir characterization.

This marks the first time that students from our chapter have advanced to the finals of this prestigious international contest—an important milestone that reflects our growing presence and competitiveness in global academic exchange and student research in petrophysics and well logging.

Welcome New Members – April 19, 2025 – June 11, 2025

Akram, Revan Kamaran, DNO, Erbil, Iraq
Al Mubarak, Mustafa, SLB, Dhahran, Saudi Arabia
Alshaqsi, Almurdas, Masar Petroleum, Muscat, Oman
Amin, Shahin, Occidental Petroleum Corp., Houston, TX, United States
Bhattacharjee, Saurav, Dibrugarh University, Dibrugarh, India
Castrejon-Vacio, Fernando, Independent, Ciudad De Mexico, Mexico
Chauhan, Nishi, Baker Hughes, Abu Dhabi, United Arab Emirates
Clemons, Kristopher, Lario Oil & Gas Company, Denver, CO, United States
Currey, Robert, Austin Community College, Austin, TX, United States
Dongare, Pratiksha, SLB, Sugar Land, TX, United States
Garvin, Matthew, Merit Energy Company, Carrollton, TX, United States
Ghadiry, Sherif, SLB, Cairo, Egypt
Givens, Natalie, Scout Energy Partners, Plano, TX, United States
Goh Jin Wang, Arthur, Petronas Carigali Sdn. Bhd., Kuala Lumpur, Malaysia
Han, Zhilei, King Abdullah University of Science and Technology, Jeddah, Saudi Arabia
Harness, Paul, DSA LLC, Cambria, CA, United States
Jumah, Meshael, Kuwait Oil Company, Mubarak Al-Kabeer Area, Kuwait
Kayali, Anas, Halliburton, Abu Dhabi, United Arab Emirates
Komies, Saleh, Aramco, Dhahran, Saudi Arabia
Kubsch, Lindsey, University of Oklahoma, Norman, OK, United States
Mandal, Subho, Apache Corporation, Houston, TX, United States
Mohamad Zakei, Amran, Petronas, Kuala Lumpur, Malaysia
Nimo Yeboah, Nathaniel, New Mexico Institute of Mining and Technology, Socorro, NM, United States
Northcott, Melissa, Haas and Cobb, Blaeberry, BC, Canada
Oliva, Constanza, Universidad Nacional Del Sur, Bahía Blanca, Buenos Aires, Argentina
Pari, Nick, Parrock, Fornebu, Norway
Paul Francis, Orach, Viscar Integrated Consulting Limited, Kampala, Central Region, Uganda
Putra, Erick, Husky CNOOC Madura Limited, Tanggerang Selatan, Banten, Indonesia
Sarili, Mahmut, SLB, Abu Dhabi, United Arab Emirates
Shaheen, Ahmed, Technical Development Solutions, Riyadh, Saudi Arabia
Sun, Xuekai, China National Logging Corporation, Beijing, China
Teixeira Amorim, Alexandre, Baker Hughes, Spring, TX, United States
Wu, Ziyue, Marvel Stone Co. Ltd., Chengdu, Sichuan, China
Ye, Yu, Southwest Petroleum University, Chengdu, China
Yenugu, Malleswar, Drake AI, Hyderabad, Telangana, India
Zhang, Tao, Southwest Petroleum University, Chengdu, Xindu, China
Zhao, Jianguo, China University of Petroleum, Beijing, China
Zheng, Chao, Southwest Petroleum University, Chengdu, China
Zhicheng, Peng, China University of Petroleum (East China), Qingdao, China

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Oliden Technology
Partnership Towards The Future
Maxwell Dynamics
GEOLOG
Well Resolutions Technology
CNLC
Economy and Tourism