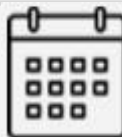
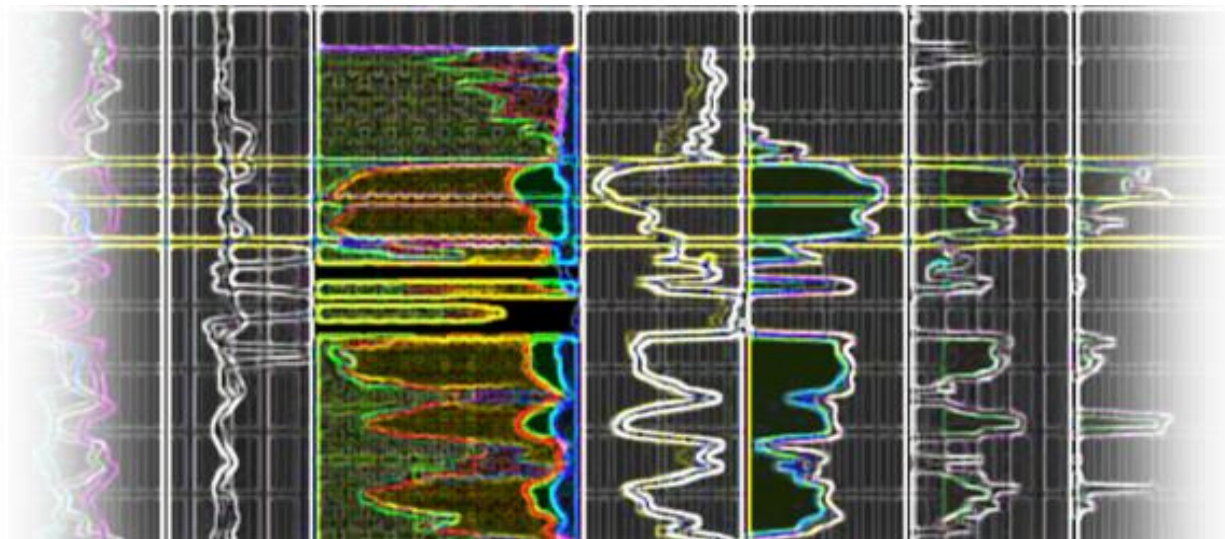


The Newsletter

November 2024



[Thursday 7 November 2024](#)

November Annual General Meeting (AGM)
18:15 (GMT) at The Geological Society of London

Newsletter Content

- **President's Letter**
- **Our Sponsors**
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- **SPWLA Membership**
- **LPS Committee**
- **LPS Grant Application**



LPS Gold Sponsor

From the President



Dear Members,

As I write this final editorial as your President, I am filled with gratitude and pride. Leading the London Petrophysical Society (LPS) has truly been a privilege, and working alongside such a talented and dedicated committee has been a deeply rewarding experience. Reflecting on our journey, I am proud of the society's progress and look forward to supporting the incoming President at our AGM in November, who I am confident will carry our mission forward with fresh insights and renewed energy.

Since joining the LPS, we have achieved significant growth and modernisation. We have streamlined our event management processes, improved online delivery, and introduced session recordings, broadening access to our resources for members and the academic community alike. These efforts have made our content more accessible to students, researchers, and professionals, fostering a more connected and informed community.

Our financial foundation has also stabilised in recent years, a strength I hope will continue as the society progresses in its vital work. I would like to extend my gratitude to our sponsors, whose support has made this stability possible.

Our recent events have highlighted the Society at its best. The **Petrophysical Insights into Salars and Subsurface Brines** lecture by Matt Simmons on 10 October was an exceptional showcase of pioneering work in petrophysics. September's **Old Data, New Tricks** seminar was another standout, where experts explored maximising value from legacy data, from Waclaw Jakubowicz's insights on data management challenges to Emily Collett's innovative cloud-based machine learning interpretation model. These presentations and more have underscored our commitment to sharing the latest advancements in petrophysics.

Looking ahead, our Annual General Meeting (AGM) on Thursday, 7 November, will provide a platform to review our achievements over the past year and outline our vision for 2025. The AGM will be followed by an enlightening lecture, **Drilling for Subglacial Rock Samples in Antarctica**, by Tom Lees. Later, I hope to see you all at our December seminar, **Everything Formation Testing**, followed by the President's Evening—a fitting conclusion to our year and my tenure.

Thank you once again for your trust and support. It has been my pleasure to serve as President of the London Petrophysical Society.

Warm regards,

Jack Willis
London Petrophysical Society President for 2024

Our Sponsors



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November Event



A message from the LPS Executive Committee:

Annual General Meeting

We will hold our November AGM at 18:15 (GMT) on [Thursday 7th November](#) (doors open at 18:00), in-person at The Geological Society of London.

Charter Members (Members who are Professional Members of the SPWLA, in addition to the LPS) are requested to vote on the three actions listed below:

- 1) Approve the minutes of the 2023 AGM
- 2) Approve the 2023 accounts
- 3) Re-appoint our current auditors Ellis Atkins for 2024

Please note that the President and the Executive Committee recommend that you approve all three of these.

*To proxy vote you need to let the President, Jack Willis, know your preference for the actions (1,2,3) listed above or you can vote online:

[Vote Here](#)

The AGM is your opportunity to hear from the President and members of the Executive Committee on the activities and progress of our society over the past year and highlight forthcoming events for 2025.

The AGM will be followed by an “off-topic” Evening Lecture

“Drilling for subglacial rock samples in Antarctica”

By: Tom Lees, Principal Engineering Geologist, Geo-Environmental Services Ltd.

The AGM and lecture will be held in person at the Geological Society, Council Room, Burlington House, Piccadilly
Calendar reminder [here](#).

About the speaker:

Tom Lees is a Chartered Geologist working in the civil engineering industry and is a Principal Engineer with Geo-Environmental Services Ltd. Tom has extensive experience of investigating the shallow rocks and soils of the UK for construction projects, particularly within the south-east and within London. He is also working on a PhD in rock mechanics at Durham University. Tom recently had the opportunity to travel to Antarctica to assist in a scientific research project, using his experience of ground investigations to help the project’s field work succeed.

Lecture Summary can be found [here](#).

This event is free of charge and there is no need to register.

Upcoming LPS Events



Below are the scheduled upcoming events hosted by the LPS. Please visit our website for complete additional events and details: <https://lps.org.uk/events/>

If you would like to participate or suggest a speaker for a future event, please do [get in touch](#).

November Event:

<u>Date</u>	<u>Format</u>	<u>Event</u>	<u>Venue</u>	<u>Topic</u>
7 Nov 2024	In-Person	Annual General Meeting & Off-Topic Evening Lecture	Geological Society, Burlington House, Piccadilly	Annual General Meeting & Drilling for subglacial rock samples in Antarctica

Future events:

<u>Date</u>	<u>Format</u>	<u>Event</u>	<u>Venue</u>	<u>Topic</u>
5 Dec 2024	Hybrid (In-person & online)	All Day Seminar	Geological Society, Burlington House, Piccadilly & Online	Everything Formation Testing

Visit our [events webpage](#) for a complete list of 2024 past scheduled events and details.

Additional Events



SPWLA Events:

November:

- [SPWLA Global Distinguished Speaker Webinar — November 6, 2024](#)
- [Resistivity SIG — Fall 2024 Meeting — November 7, 2024](#)
- [2024 FESM Topical Conference — November 12, 2024](#)
- [PDDA SIG 2024 Fall Topical Conference and Meeting — November 18-19, 2024](#)

December:

- [Highlights from Rio Webinar Series — December 17, 2024](#)

Additional SPWLA Events:

- [SPWLA Events Webpage](#)

GESGB Events:

- <https://www.ges-gb.org.uk/upcoming-events/>



London Petrophysical Society Awardees

Iain Hillier Award Recipients

London Petrophysical Society, LPS, received several applications for the Iain Hillier Awards. Earlier this year, LPS recognized two individuals **Andrew Evans** and **Daniela Navarro Perez**, for the 2023 Iain Hillier Awards. All Iain Hillier applicants presented their projects to the LPS panel. The awardees will also be presenting their work in future LPS events.

Andrew Evans is working towards his PhD project titled 'Liberating Lithium from Subsurface Resources' with the Department of Materials, University of Manchester. Andrew graduated in MSc Mineral Resources (Distinction) from the University of St Andrews, and since then he has worked within Geo-Environmental Consultancy/Geotechnical Engineering and have been involved in over a hundred projects, both as a site engineer and a project manager. His decision to return to academia, focusing on Lithium, was made following his attendance of the Geological Societies Energy Transition Discussion Meeting in April 2022.

Daniela Navarro Perez has since completed her PhD project titled 'Improved reservoir characterization and modelling of gas production from Chilean tight sandstone reservoirs' from the University of Leeds. Daniela is a Chemical Engineer with seven years in academia and related work with the chemical and oil & gas industries. I am currently finishing a PhD programme at the University of Leeds in Petrophysics. She teaches in undergraduate Chemical Engineering programs implementing student-centered methodologies such as problem-based and simulation-based learning. She advocates for DEI (Diversity, Equity and Inclusion) in Geosciences by leading initiatives such as a mentoring programme in the GeoLatinas non-profit organization. Her research focuses on enhancing productivity in industrial processes upstream and downstream.

Besides the above, LPS also recognized the following applicants:

- **Wurood Alwan**, with a 240 GBP contribution towards acquisition of the software license for reconstruction of 3D from sliced 2D FIB-SEM data, who is pursuing a PhD titled 'The Use of Machine Learning to Discriminate Between Different Mineral Phases and Different Pore Morphologies in Carbonate Systems' from the University of Leeds
- **Hager Elattar**, with a 210 GBP contribution for SEM Measurements, who is pursuing a PhD titled 'New Techniques in developing unconventional carbonate reservoirs' from the University of Leeds

LPS Prize

Adam Young was the recipient of the London Petrophysical Society prize and was nominated by the Department of Earth Sciences at Durham.

LPS invites applications for the Iain Hillier Academic Award Scheme for 2024

The award scheme is named after Iain Hillier, who served on the LPS committee for many years and made an outstanding contribution to its work (full details can be found here: [LPS iain-hillier-award](#)). The applicants should be a member of LPS and ideally also have attended/participated in LPS events. LPS will be open to receiving applications till the **30th of November 2024** by sending the following to external-liaison@lps.org.uk and jack.willis@oneandzero.co.uk: (1) Completed LPS Application form (form template is appended at the end of this newsletter) and (2) your CV.

PhD Student Grants and University Grants seek to support specific projects or courses undertaken by postgraduate students or university departments which have log and/or core petrophysics as a key component. Grants can be up to £2000 and should be accompanied by a cost breakdown where appropriate.

MSc level Student Bursaries seek to reward MSc level students on petroleum and earth science courses at English or Welsh universities, who take an interest in logs and/or core petrophysics in their studies. Bursaries are worth £500.

MSc student prizes of £200 are sponsored by the LPS at University of Durham, Imperial College London, University of Leicester and the University of Manchester. Each are awarded by the university to a student achieving high marks in both petrophysics exam and coursework, typically the student's research project will also contain a significant component of petrophysical analysis.

Awards are decided by the LPS Executive Committee on the merit of each application. LPS funds are limited, and an application is no guarantee of an award.

Call for Volunteers



Have you considering volunteering to serve on the LPS Committee in 2025?

There are 14 permanent roles on the committee and on occasion also short term positions. These cover a wide range of areas and skills. Your time commitment is typically a one hour meeting per month, either in person at the Geological Society or via Teams. In addition, specific to each position, there will also be a further few hours per month completing the work needed for your role.

Why should you volunteer? Some of the benefits of volunteering include:

- Influence the LPS technical evenings and seminars with your knowledge and experience.
- Enhance your leadership skills in a friendly environment
- Get to meet and work with the other LPS committee members
- Contribute in your area of technical interest and share this more widely
- Mentor less experienced people in the industry
- Get your name more widely known in Petrophysics, both locally and within the wider SPWLA
- You will get to understand how charities in England and Wales are organised and how they meet their charitable aims

Please [reach out](#) if you are interested!

Call for Papers



A message from the LPS Executive Committee:

Call for LPS Newsletter Articles

We would like to invite members and friends of the LPS to submit technical articles for future editions of the LPS Newsletter.

The LPS Newsletter welcomes submissions in a range of flexible formats such as a short story/article/announcement that generally fall within the following structures:

- **Technical Innovation News:** The LPS will include a section specifically allocated to short, topical, innovation-oriented news. This can be a paragraph or an extended abstract format to share with the community newly developed methods, tools, and newly registered patents. The objective is to disseminate the information to all interested parties within the LPS community and beyond. Innovation encompasses new designs or methods, with the ultimate objectives of better solutions to meeting needs, or realising a goal in a new technique. The innovations are key to providing industrial and academic teams with a competitive edge, and part of the process of innovation is to make end users and competitors aware of what is new. The LPS would like to contribute to promoting innovative ideas and processes through the newsletter communication.
- **Major Articles:** In depth articles discussing topics of interest. Such articles can involve a review of a particular subject or can address and discuss a specific method, tool, or an academic study finding. For example, articles may discuss the implementation experiences, implementation efforts of a tool or a method, and uncertainties in the outcome and areas for improvements
- **Short Notes Articles:** These can be preliminary findings of academic and industrial R&D projects related to petrophysics, rock physics and rock mechanics. These short notes can be in the format of an extended abstract.
- **Educational Material:** This may include introducing a topical subject to the wider community. For example, there is a lot of discussions on Artificial Intelligence application in geosciences including petrophysics, rock physics etc. An article that describes the basic principles, historical background and current state of the art and challenges would be appropriate and timely.
- **Article Series:** This is a new addition to the LPS newsletter and will take the form of a series of articles or educational pieces that are too long for individual editions and will appear across multiple newsletters.
- **Community Stories:** Non-technical stories of charitable or community involvement of LPS members and friends are welcome to be submitted for inclusion in the newsletter.

Contribution Formats

Articles should be submitted in Word format and with embedded figures. The newsletter editor will support in formatting for inclusion into the LPS Newsletter.

Word count suggested guidelines:

Technical Innovation News: up to 500 words, and up to 4 figures/illustrations

Major Articles: up to 3000 words and up to 15 figures/illustrations

Short Notes Articles: up to 1500 words and 8 figures/illustrations

Educational Material: up to 3000 words and up to 15 figures/illustrations

Article Series: up to ~15,000 words and up to ~50 figures/illustrations

If anyone would like to contribute with material that has been previously published, the LPS Editor requires approval of the original article author (s) and the publisher and a Word version of the article without graphics.

Please [reach out](#) to the LPS Editor or other committee member with any questions or suggestions for future newsletter contributions.

Call for Papers



Why publish in the LPS Newsletter?

Articles submitted to the newsletter will benefit from rapid publication and flexible format. Furthermore, sharing technical innovation news give the inventors/service providers/researchers the exposure to potential end users and help in completing the innovation process into implementation and testing opportunities.

The deadline

Contributions should be sent to **the LPS Technical Editor by email**. Articles will be published on first come first serve basis subject to suitability of the article and readiness for publication with no editorial issues.

Frequency of publication

Accepted contribution for publications will be published in the bimonthly LPS newsletter.

The license and copyright

By submitting a contribution to the newsletter, you agree that the text which appears in the newsletter will be publicly available.

How to submit?

To submit a contribution to the newsletter please send your material at the first instance in a compressed pdf file format to the Newsletter Editor of the LPS.

All submitted material should have the full names and affiliation and contact details for the authors with an indication as to who is the corresponding author.

It is the responsibility of the author to get permission for the publication of material from their organization and third parties. LPS assumes that such permission is obtained before the material is submitted.

Commerciality should be avoided, and while preparing the material for publication the author should avoid any offense to others.

Templates for articles will be available on request from potential contributors.

Contact for queries/clarifications:

If you have further information/queries please contact:
Andrew C. Johnson, Newsletter Editor: ajohnson23@slb.com



Become a Member

Founded in 1959, SPWLA a non-for-profit organization provides information services to scientists in the petroleum and mineral industries, serves as a voice of shared interests in our profession, plays a major role in strengthening petrophysical education, and strives to increase the awareness of the role petrophysics has in the Oil and Gas Industry and the scientific community.

MEMBERSHIP BENEFITS (does not apply to Affiliate Chapter Member)

- Chapter Monthly meetings in your region or any of our SPWLA Chapters and SIGs.
- Online digital copies of The SPWLA Today Newsletter.
- Online digital copies of Petrophysics Journal. (printed copies available for purchase)
- Discount registration fees to our Spring and Fall Topical Conferences.
- Discount registration fees to our Annual Symposium.
- Discount registration fees to our On-site Training Center in Houston.
- Eligibility to serve on the International Board of Directors. (excluding student membership)
- Online Technical papers. (Member fee \$1 download charge per paper – unlimited).
- Free Technical Presentation monthly webinars.
- Free Industry Leader recorded video's. (under resources tab on website)

MEMBER PRIVILEGES

- Professional Member* may vote and hold office, and hold committee membership on all committees.
- Student Member* may vote and hold office, and hold committee membership on all committees of a student chapter.

[Become a member of SPWLA](#)

LPS Committee



A message from the LPS Executive Committee:



President
Jack Willis
one&zero



Past President
Ian Draper
Baker Hughes



Treasurer
Alina Khmelevskaya
BP



Secretary
Phil Gibbons
GaffneyCline



VP Sponsorship
Andrew Mynors
Geolog



VP External Liaison
Arathi Mahesh
SLB



VP Technology
Gabe Lauderdale-Smith
ERCE



VP Seminars
Edwin Wraith
BP



VP Data Protection & Membership
Lumban Pardede
Halliburton



VP Arrangements
Ollie Tallon
Tullow Oil



Communications
Kirsty Hitchen
BP

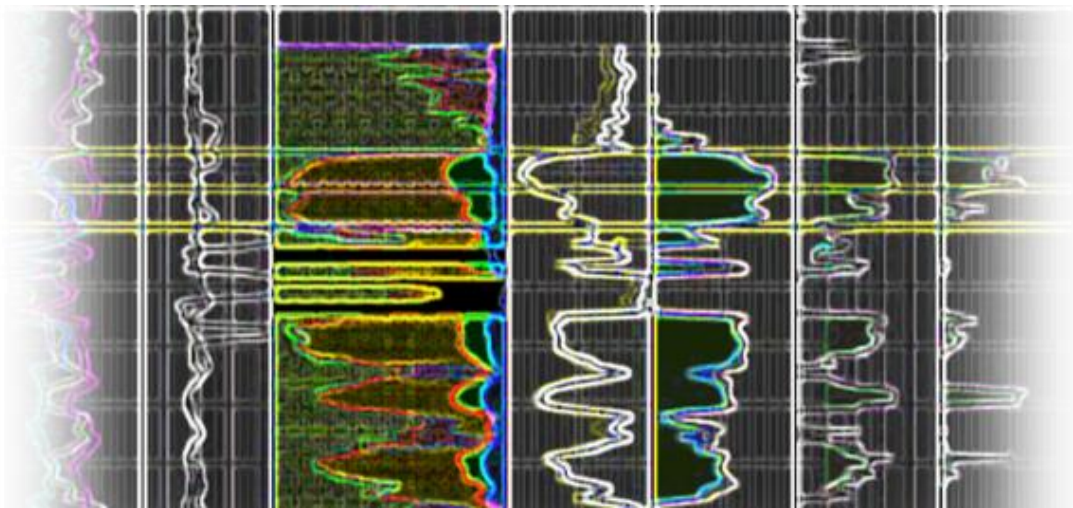


Newsletter Editor
Andrew Johnson
SLB



VP Publications
Sherif Farag
Independent

Thank You



bp



Feedback to AJohnson23@slb.com



Iain Hillier Student Grant applications can be submitted by PhD students studying Earth Science, Reservoir or Petroleum Engineering departments at English or Welsh universities, where logs and/or core petrophysics form a significant component of the PhD research, or relevant sub-project. Funding decisions are at the discretion of the LPS committee. Deadlines for PhD funding are 30th April & 31st October. Grant recipients are expected to present their work at a subsequent LPS event.

For more information see the LPS website (www.lps.org.uk).

Name:	
E-mail:	
Phone:	
University:	
University Address:	
PhD project title:	
Supervisor name(s) & email	
Previous degree(s)	
Relevant work experience	<i>(please give brief details of company name, job title, dates)</i>

- I am a member of the London Petrophysical Society (LPS)
- I am a member of the Society of Petrophysicists and Well Log Analysts (SPWLA)

1) Please provide an outline of your current PhD project:

(What is the aim of your study, what dataset are you working with, any collaborations. Feel free to include reference to supporting background material)

2) Please provide details of how petrophysics provides an important part of your current project:

(e.g. project work, measurements made, datasets used...)

3) Please describe your interest in petrophysics:

(e.g. How did your interest in petrophysics begin? Did you study petrophysics in an undergraduate, MSc or professional course? What is it about petrophysics that you enjoy? How are you using log/core data? Career plans?)



Application for Iain Hillier Student Grant



4) Please state the grant amount you are applying for (up to £2000), and provide an approximate cost breakdown outlining how the funds will be used to support your research project / task(s):

(Can include petrophysical measurements, laboratory equipment, software, professional courses, conference attendance, fieldtrips, core store visits, etc...)

5) Please provide details of any other funding you are currently receiving or have applied for:

If you are successful in receiving a Grant, we would like to you to keep in touch and expect you to present this research at an LPS event. The LPS requests that you send the committee a concise report on how the money has aided your studies, for publication on the LPS newsletter/website.

Grant recipients are expected to present their work at a subsequent LPS event;

Please complete and return this form by email, with an **up-to-date CV** and covering email, to external-liaison@lps.org.uk and jack.willis@oneandzero.co.uk