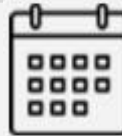
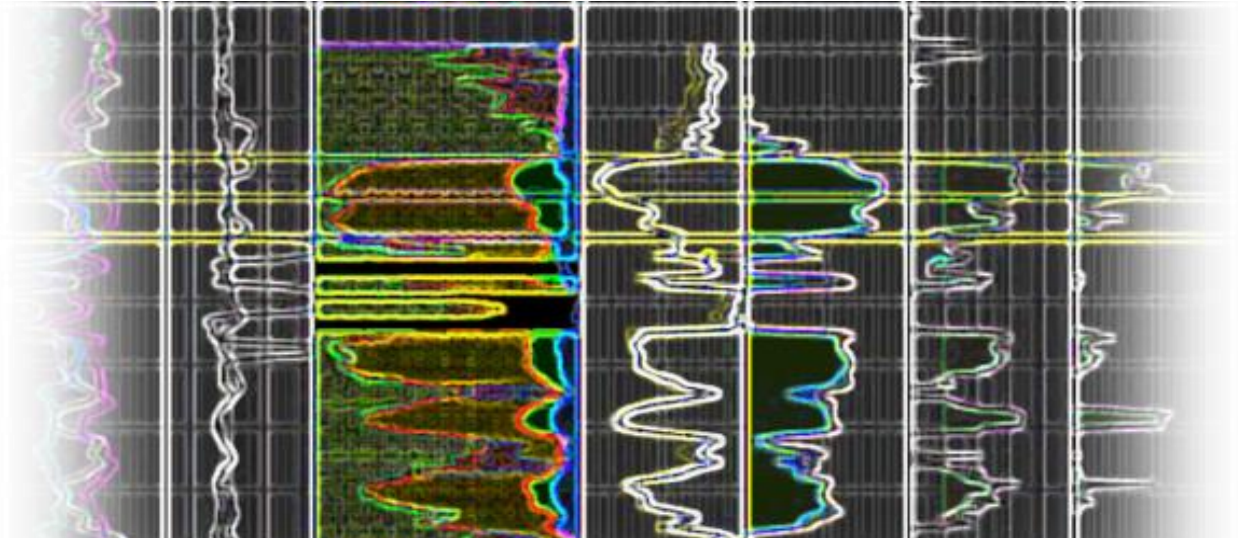


# The Newsletter

*April 2023*



Thursday 27th April 2023

An Exploration of Porosity Methods and their respective Water Saturations

*Stephen Calvert, CGG*  
Evening Lecture — Geological Society

## Newsletter Content

- **President's Letter**
- **Upcoming Events**
- **External Liaison News**
- **Sponsors**
- **SPWLA Membership**

**ExxonMobil**



# From the President



Dear Members and Friends of the LPS,

Spring is upon us and I would like to take a moment to reflect on some of the recent events that have taken place whilst also looking ahead to what is coming up in the near future.

Our society has been active and engaged over the past few months, with many exciting events and activities taking place. From guest lectures to seminars and networking opportunities, we have been busy fostering a sense of community among our members and promoting our shared interests.

Our first evening lecture of the year was held on the 14th February in the council room at the Geological Society - "Core scale measurements of zeta potential: Implications for wettability alteration by low salinity waterflooding" by Harry Collini, bp (Imperial College PhD Research) followed by a networking drinks reception.

The annual New Technology seminar, the first of 5 full day seminars for the year, was held on 23rd February and was free to attend. This was followed shortly afterwards by the "Permeability Theory and Applications" seminar on the 14th March. Both events were very well attended (222 and 102 registered attendees respectively). These events showcased the best of the LPS, bringing together professionals, academics and students from diverse areas to share their expertise and discuss the latest developments in our industry. The Permeability seminar included a panel discussion which was a great success and will now form part of our seminars going forward. More generally, the discussions and insights shared by our speakers were thought-provoking and informative, and we look forward to building on this momentum in the coming months.

We have several exciting events planned over the coming year. These will include two full day seminars focused on the role of Petrophysics within "New Energy" and a Christmas seminar which will get back to basics in a "Petrophysics 101" style. In addition, we have several guest speakers for evening lectures spread throughout the year and we encourage all members to check the LPS website for further information.

In addition to our events, we are also proud to be expanding our membership and outreach efforts. We have been actively engaging with universities around the country to establish greater

# From the President



links between academia and industry. The LPS offers a unique opportunity for both to meet and discuss Petrophysics theory, methods and technologies and we look forward to continuing to grow our community and promote knowledge sharing.

If you have any ideas for how we can continue to promote Petrophysics within industry or academia I would encourage you to get in touch with me directly: [president@lps.org.uk](mailto:president@lps.org.uk). I hope to see you at one of future events.

Sincerely,

Jack Willis  
President  
[president@lps.org.uk](mailto:president@lps.org.uk)

# Upcoming LPS Events



Below are upcoming events hosted by the LPS. Please visit our website for more details:

<https://lps.org.uk/events/>

If you would like to participate or suggest someone, please do [get in touch](#).

<u>Date</u>	<u>Format</u>	<u>Event</u>	<u>Venue</u>	<u>Topic</u>
27/04/23	In-person	Evening Lecture	Geological Society	An Exploration of Porosity Methods and their respective Water Saturations <i>Stephen Calvert, CGG</i>
11/05/23	In-person	Evening Lecture	Geological Society	Past, present and future applications of ultra-deep directional resistivity measurements: A case study history from the Norweigan Continental Shelf <i>Arthur Walmsley &amp; Supriya Sinha, Halliburton</i>
22/06/23	Hybrid	Seminar	Geological Society/ Online	Petrophysics for the Energy Transition

# Upcoming LPS Events



## ***Seminar Series: Petrophysics for the Energy Transition***

***Thursday 22<sup>nd</sup> June 2023***

*The Geological Society, Burlington House, London*

***Call for Abstracts***

***Submission Deadline: Friday 26<sup>th</sup> May 2023***

On **Thursday 22<sup>nd</sup> June** the London Petrophysical Society will be holding the first seminar of the two-part series on the **Petrophysics for the Energy Transition**.

It will consist of a series of talks presented in person at the Geological Society, each lasting around 25 minutes with some time for audience questions.

Some examples of the areas related to this topic for which we would like abstracts:

**Carbon Capture and Storage (CCS): reservoir characterisation and monitoring**

**Applications in geothermal energy**

**Radioactive waste disposal and storage**

**Natural hydrogen reservoirs**

**Exploration and characterisation of helium reservoirs**

**Lithium and rare earth mining**

This is a **Call for Abstracts** for presentations from Energy Companies, Service Companies, Independent Consultants, Academia and other interested parties.

Abstracts should be one page of A4 including an illustration and speaker bio, submitted in Word Document format.

Please send your abstracts to Alina Khmelevskaya, Email: **[Alina.Khmelevskaya@bp.com](mailto:Alina.Khmelevskaya@bp.com)**, or any member of the LPS Committee, by Friday 26<sup>th</sup> May.

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*£150 for delegates (Speakers exempt)*

*(LPS is not VAT registered)*

*Students can register for free*

*Includes lunch and post-seminar wine and savouries*

*Doors open at 9am*

*For more info about this event please visit **[www.lps.org.uk/events/](http://www.lps.org.uk/events/)***



## LPS Evening Lecture:

### An Exploration of Porosity Methods and their respective Water Saturations

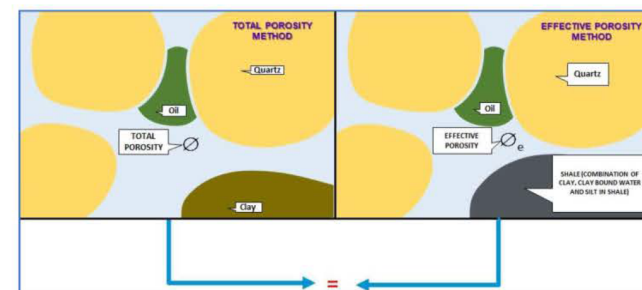
*Dr Stefan Calvert, CGG Chief Petrophysicist*

**When?** Thursday 27<sup>th</sup> April at 18:00 – 20:00 (London time)

**Where?** Geological Society, Council Room

*Evening lecture starts at 18:15, followed by wine & nibbles*

Visit <https://lps.org.uk/events/> for further information including the talk's abstract



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# Other Events



- **SPWLA Webinars:**

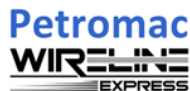
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- **GESGB Events:**

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



# Our Sponsors





# 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 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.

### The contribution formats

Articles should be submitted in Word format and with embedded figures.

Word count:

**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

# 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 monthly 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: [ross.kerr@rmjk-petrophysics.com](mailto:ross.kerr@rmjk-petrophysics.com)

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:  
Ross Kerr, Newsletter Editor: [ross.kerr@rmjk-petrophysics.com](mailto:ross.kerr@rmjk-petrophysics.com)

# SPWLA Membership



SPWLA has played a major global 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.

The LPS is a chapter of SPWLA and we encourage you all to become members of our parent organisation and join the "Home" for Formation Evaluation and Petrophysics.

Remember that professional and student membership has many benefits including:

- The Petrophysics Journal
- The new SPWLA Newsletter magazine
- Access to online literature resource
- Discounted registration for two "Topical Conferences" each year
- Access to monthly Webinars
- Access to and use of training facilities located in Houston
- Discounted registration for the Annual Symposium and its associated short courses



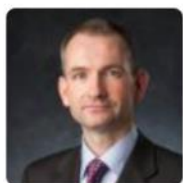
# LPS Committee 2022/2023



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*one&zero*



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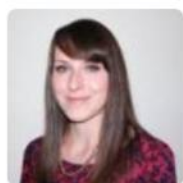
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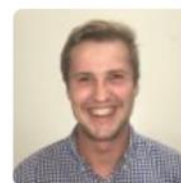
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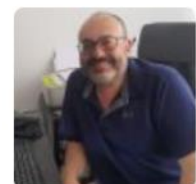
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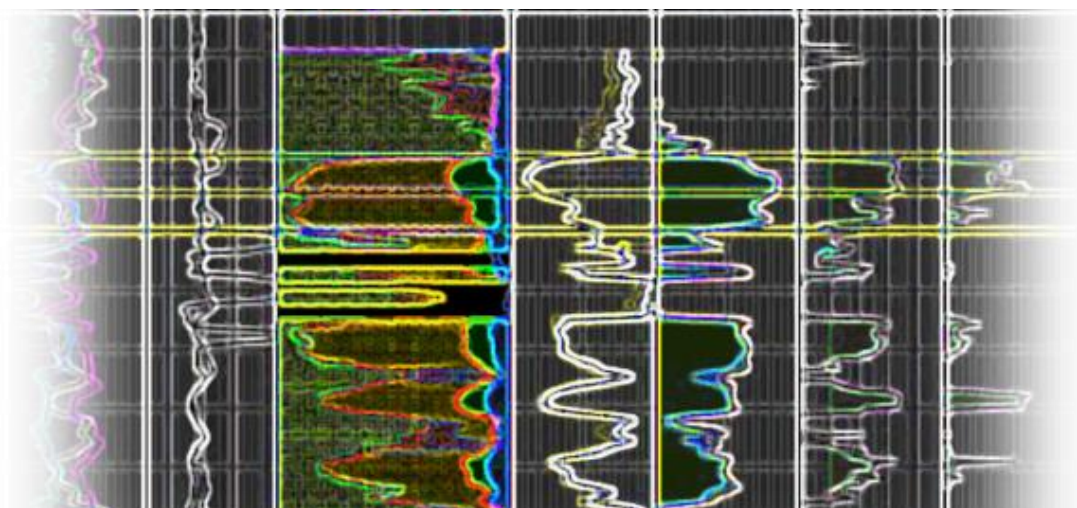
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# The Newsletter

*April 2023*



*Feedback to [ross.kerr@rmjk-petrophysics.com](mailto:ross.kerr@rmjk-petrophysics.com)*