

## 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 240GBP 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 210GBP 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 31<sup>st</sup> of October 2024 by sending the following to [external-liaison@lps.org.uk](mailto:external-liaison@lps.org.uk) and [jack.willis@oneandzero.co.uk](mailto:jack.willis@oneandzero.co.uk):

- Completed LPS Application form (form template is appended to this newsletter)
- 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.