



Technical Programme

The eagerly awaited annual Geothermal Seminar, organised by SPE Aberdeen, is set to take place on 21 – 22 February 2024.

Building on the success of the two previous events since its inception in 2022, the Seminar remains at the forefront of fostering innovation, collaboration, and advancements in Geothermal Energy production, science, engineering, and economics.

Who should attend?

Our aim is for the Seminar to be relevant, and interesting, to a broad range of people from **energy professionals, environmentalists, investors, politicians, academics, career-seeking students**, and those just eager to learn more about Geothermal.

Reasons to attend

- Two days of virtual presentations – watch live or re-watch on demand
- Stay up to date with the latest technologies and methodologies
- Networking opportunities with delegates from around the world
- Money raised re-invested into local STEM programmes
- Cost effective training opportunity

Platinum Sponsor



Event Sponsor



Registration Sponsor



Media Partners



DAY 1

| Start Time | | Presenter | Company |
|----------------------------------|---|-----------------------------|--------------------------|
| 11:00 | Opening Remarks | | |
| GEO THERMAL STATE OF PLAY | | | |
| 11:10 | Keynote | Kristina Hagström Ilievska | Baseload Capital |
| 11:30 | The European Geothermal Industry: A Hotbed Of Potential Ready To Erupt | Shruti Raghuram | Rystad Energy |
| 11:50 | Expansion Of Geothermal Energy Heating In Europe: Cases | Sonia Isabella Lopez Kovacs | Repsol |
| 12:10 | Q&A Panel Session | | |
| KEY TECHNOLOGIES 1 | | | |
| 12:25 | Techbyte Session | | |
| | Fit-For-Purpose Well Test Solution Provided To Achieve First Steam | Josh Markowski | Expro |
| | Unlocking Hidden Geothermal Potential: Leveraging Artificial Intelligence For Subsurface Exploration | Mahmoud Magdy AlGaier | Robert Gordon University |
| | Tackling Geothermal Well Challenges: Laboratory Formulation Of A Multifunctional Inhibitor | Ernesto Petteruti | Chimec |
| | Open And Closed Loop Geothermal Drilling Technology Learning From Scandinavia | Adam Baker | Just Drill |
| | Sensitivity Analysis Of Operational Parameters On An Advanced Geothermal Energy Storage System In The Gassum Formation, Denmark | Agga Agga | Robert Gordon University |
| 12:50 | Visit Our Virtual Exhibitors | | |
| 13:20 | LUNCH BREAK | | |
| 14:05 | PANEL SESSION | | |
| | Session Chairs - Ingrid Huldal, Expro, and Kelsey Tymms, NSTA / Panellists - Karl Farrow, Ceraphi; Callum Watson, NZTC; David Maddan, The Aukland Project | | |
| CASE STUDIES | | | |
| 14:40 | Galleries2Calories: Presenting Progress Of The Edinburgh Geobattery Research Project | David Townsend | TownRock Energy |
| 15:00 | Natural Refrigerant, High Temperature Heat Pump: Enabling a New Geothermal Market - Decarbonizing Industrial Heat | Marc Portnoff | Thar Energy |
| 15:20 | Q&A Panel Session | | |
| 15:30 | BREAK | | |
| 15:45 | The Geothermal Project On The Tu Delft Campus: An Overview | Alexandros Daniilidis | TU Delft |
| 16:05 | Hydrothermal District Heating In Schwerin – Reviving The Geothermal Potential of The North German Basin | Stefan Thiem | GTN |
| 16:25 | Q&A Panel Session | | |
| 16:35 | Closing Remarks | | |
| 16:40 | END | | |

DAY 2

| Start Time | | Presenter | Company |
|---|--|----------------------------|-----------------------------|
| 11:00 | Opening Remarks | | |
| WORKFLOWS & PROJECT MANAGEMENT | | | |
| 11:05 | Workflow For Mapping Integrated Above- And Below-Ground Geothermal Favorability In Central Europe | William A Heins | Getech Group Plc |
| 11:25 | Digital Twin For Geothermal Assets – An Open-Source Approach For The Geothermal Sector | Pejman Shoeibi Omrani | TNO |
| 11:45 | Educational Geothermal Exploration Dashboard | Richard Thomson | Data Rich / Imrandd Limited |
| 11:55 | Techno-Economic Evaluation For Sustainable Utilisation Of Geothermal Energy From Depleted Oil Well | Sourav Kumar Sinha | Nalanda University |
| 12:05 | TECHNOLOGY PANEL SESSION | | |
| 12:25 | VISIT OUR VIRTUAL EXHIBITORS | | |
| 12:55 | LUNCH BREAK | | |
| KEY TECHNOLOGIES 2 | | | |
| 13:40 | Wells2Watts Partnership And Geothermal Testing Facility | Rob Klenner | Baker Hughes |
| 14:00 | Percussion-Enhanced Drilling Supercharges Drilling Performance | Marc Anderson | Hydrovolve |
| 14:20 | A New Approach To High Temperature Sensors And Electronics For Geothermal Drilling | John Clegg | Hephae Energy Technology |
| 14:40 | Q&A Panel Session | | |
| | Techbyte Session | | |
| 15:00 | Coretrax's Dav Mx Provides Effective Circulation Technology To Us Geothermal Land Well | Dustin Dorset | Coretrax |
| 15:05 | Fishbones As, Norway – An Alternative Approach To Reservoir Stimulation For Geothermal Developments | Joannes Okkerman | Fishbones As |
| 15:10 | BREAK | | |
| 15:25 | ESP Experience Within The Dutch Geothermal Sector | Joost Haverman | Enatuurlijk Aardwarmte |
| 15:45 | Managing Injection Pressure In Geothermal Assets: Challenges And Solutions For Sustainable Operations | Geoff Hughes | Roemex Ltd |
| 16:05 | Scale Prediction And Prevention During The Production Of Low And High Enthalpy Geothermal Brines | Shabnam Mohammadi | Heriot-Watt University |
| 16:15 | New Scale Detection Technologies For Geothermal Applications: Advanced Virtual Pump Intake Pressure Machine Learning Models And Geoesp® Intake | Juan Pablo Atencia Alvarez | Halliburton |
| 16:25 | Q&A Panel Session | | |
| 16:40 | Closing Remarks | | |
| 16:45 | END | | |

Booking

PRICES

| | Early Bird until 21 January | Standard |
|--------------------|--------------------------------|----------|
| Members | £65 | £80 |
| Non-Members | £75 | £90 |
| Student/Unemployed | £25 | £25 |

All costs are subject to VAT at the current rate.
Tickets include attendance at both days of the seminar.

We are offering you the chance to invite an Early Career Professional (≤ 10 years in industry) to attend the conference for FREE! For every full price ticket purchased, you may add an additional ticket of the same type for no additional cost. This is your chance to support our future generation and inspire knowledge sharing.

T's & C's

We define "Early Career Professionals" as those with 10 years' experience or less within the offshore energies industry. For every full price ticket purchased, you may add an additional ticket of the same type to be used by an early career professional.

Offer only valid on full price tickets – this excludes the Student & Unemployed ticket type.

BONUS EARLY BIRD OFFER

Buy 1 ticket, invite an Early Career Professional for FREE!



Sponsorship Opportunities

SMEs and Large companies, consultancies and agencies can all support and benefit from Geothermal 2024. There are an attractive and economic range of promotional opportunities offered and are details in the table.

As the SPE is a not-for-profit organisation, any surplus made on Geothermal 2024 will be reinvested back into various initiatives to bring on our future generations of Geothermal scientists, engineers and technologists.

Video showcase opportunities available
£500 + VAT

For more details on any of the packages listed,
please contact aberdeen.events@spe-uk.org or call
01224 646311



| | Platinum sponsor | Event sponsor | Registration Sponsor | Programme sponsor | Coffee Break sponsor |
|---|------------------|---------------|----------------------|-------------------|----------------------|
| | £3,000 | £1,500 | £950 | £950 | £950 |
| Prime Branding on all materials inc web, abstracts flyer, programme | x | | | | |
| Prominent branding on all materials inc web, abstracts flyer, programme | | x | | | |
| Branding on materials inc web, abstracts flyer, programme | | | x | x | x |
| Corporate branding on conference slides | x | x | x | x | x |
| Branding on joining instructions | | | x | | |
| Abstract book branding | x | x | x | x | x |
| Social media input | x | x | | | |
| Recognition by chair | x | x | x | x | x |
| Video AND presenting opportunity | x | | | | |
| Video OR presenting opportunity | | x | | | |
| Video opportunity | | | x | x | x |
| Access to delegate list | x | x | x | x | x |
| Delegate passes included | 5 | 3 | 2 | 2 | 2 |
| Single day sponsorship | | | | x | x |

Please note, all prices above are exclusive of VAT