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GEOHERMAL SEMINAR 2022

An opportunity to explore the role of geothermal in the energy transition...and beyond!

VIRTUAL EVENT
25TH JANUARY 2022

CONFERENCE PROGRAMME



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SPE Aberdeen's Geothermal Seminar will feature a combination of case histories, panel sessions and techbytes and is relevant to everyone; from energy professionals, thought leaders, those looking to transition and those just eager to learn.

Join us on 25th January where we will explore:

- The size of the opportunity, an overview and market assessment of what geothermal looks like now and a vision for the future
- The skills required to transition from your current role into the new 'Net Zero' world
- How to build geothermal projects with UK case studies, challenges and the geothermal value chain
- What's hot in the geothermal technology innovation and industry enablers

CONFERENCE PROGRAMME



Our Keynote Speaker

JAMIE C. BEARD, ESQ.

Executive Director, Geothermal Entrepreneurship Organization (GEO)

Jamie serves as the Executive Director of the Geothermal Entrepreneurship Organization (GEO) at the University of Texas at Austin, an organization she founded in 2019. She also organizes and curates the PIVOT – From Hydrocarbons to Heat conference series, a gathering dedicated to engaging the oil and gas industry in challenges associated with exploring and drilling for geothermal energy. An energy, regulatory and environmental attorney by training, Jamie is a passionate advocate for geothermal energy as the baseload capable clean energy of the future. Jamie's work in geothermal has been featured by media outlets such as NPR, WSJ, CNBC, Vox and Rolling Stone. She delivered a TED talk on the subject of geothermal and the oil and gas industry in August, 2021. www.texasgeo.org

For more information:

Visit – SPE Aberdeen Website Email – aberdeen.events@spe-uk.org Call – 01224 646311

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TECHNICAL PROGRAMME

BUILDING UP STEAM: SESSION 1		Chair – Kirsten Pasturel	ZeGen Energy
		Co-Chair – Alex Crossland	
11.00	Opening Remarks	Kirsten Pasturel	ZeGen Energy
11.10	Keynote: Call to Action	Jamie Beard	Geothermal Entrepreneurship Organization, University of Texas
11.25	Geothermal Drilling Heats Up As Companies Embrace The Energy Transition	Henning Bjørvik	Rystad Energy
11.40	Upscaling the Geothermal Opportunity Through Technical and Commercial Evaluation	Dave Waters	Getech Group plc (UK)
11.55	PANEL SESSION	Philippe Dumas, EGEN Geothermal; Michael Chendorain, Arup; Peter Ledingham, GeoScience Ltd; John Paterson, University of Aberdeen; Kirsten Pasturel, ZeGen Energy	
12.25	LUNCH BREAK & SPONSORS		
MAKING IT REAL: SESSION 2		Chair – Rani Koya	OGL GEOTHERMAL
		Co-Chair – Steve Cromar	SPE Aberdeen
12.55	Case Study: Deep Geothermal Energy at the Eden Project	Tony Bennett	Eden Geothermal
13.10	Techbyte: A novel Percussive Drilling System	Marc Anderson	HydroVolve
13.15	Case Studies: The United Downs Geothermal Power Project, Cornwall, UK	Ryan Law	Geothermal Engineering Ltd
13.30	Techbyte: Unlocking the True Power of Clean Geothermal Energy Via Millimeter Wave Drilling	Carlos Araque	Quaise Energy
13.35	Techbyte: Design Considerations for Multistage Hydraulic Fracturing in Geothermal Resources	Garrett Fowler	Resfrac
13.40	PANEL SESSION	Tony Bennett, Ryan Law, Catherine Hickson, Alberta No.1; Rani Koya, OGL Geothermal; Carlos Araque, Quaise Energy	
14.10	BREAK & SPONSORS		
CLOSING THE LOOP: SESSION 3		Chair – Gioia Falcone	University of Glasgow
		Co-chair – Stewart McIntosh	Geothermal Lift Solutions
14.20	Presentations: Closed Loop Systems, Modelling Aspects	Lev Ring	Sage Geosystems
14.35	Techbyte: Using Vacuum Insulated Tubings for Geothermal Applications	Pierre-Etienne Bougon	Vallourec
14.40	Techbyte: Coupled Wellbore Reservoir Simulation of Closed Loop Geothermal Energy Systems	Reza Malakooti	Computer Modelling Group Ltd
14.45	Repurposing Deep Boreholes for Thermal Energy Production and Storage	W. Nibbs, S. Watson, C. Brown, I Kolo, G. Falcone, D Banks, R Westaway	University of Glasgow
15.00	PANEL SESSION: CLOSED LOOP SYSTEMS	Alison Isherwood, CausewayGT; Reza Malakooti, Computer Modelling Group; Gioia Falcone, University of Glasgow; Andy Wood, Ceraphi Energy; Stewart McIntosh, Geothermal Lift Solutions	
15.30	Wrap-up: Fireside Chat with Ann Robertson-Tait, President of Geothermex	Hosted by Kirsten Pasturel and Rani Koya	
15.45	CLOSE		SPE Aberdeen

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SPONSORSHIP AND BOOKING INFORMATION

SPE Aberdeen is a not-for-profit organisation and are organisers of this event. All surplus funds raised will be re-invested into various initiatives to help support our future generation of young engineers and geoscientists.

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