

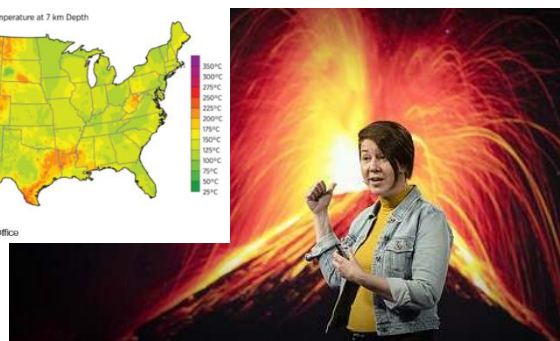
**American Institute of Chemical Engineers,
Cleveland Section**

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Thursday, January 13, 2022

Remote meeting via Zoom format due to rising COVID-19 variant cases, hospitalizations, and deaths in Ohio

1. The Future with Geothermal Energy (15 min.)

The existing oil and gas drilling industry can shift its operations from drilling for oil and gas to drilling for geothermal energy to supply the nation's needs. The infrastructure, people, and technology already exist to achieve this purpose. There would be no needed infrastructure construction or training or development of technology to begin the process of geothermal drilling. This is a win-win for the oil and gas industry camp as well as for the climate change environmentalist camp. Both camps will get what they need. Over the next 30 years we should be able to achieve our environmental goals to reduce climate change partly by tapping into the earth's vast energy supply of its molten core. This source of energy may be used for home, building and industry heating as well as steam for electrical power generation that feeds our electrical grid.

Speaker: Jamie C. Beard:

Is a technologist, climate activist, and environmentalist that is the executive director of the Geothermal Entrepreneurship Organization (GEO) at the University of Texas at Austin. An energy and regulatory attorney, Jamie C. Beard left the white-shoe law firm scene to try her hand at bringing about fast, efficient climate change solutions. She founded the Geothermal Entrepreneurship Organization, a US Department of Energy-funded program aimed at recruiting oil and gas talent to launch geothermal startups.

A passionate advocate for geothermal energy as the natural and obvious future business model for the oil and gas industry and the missing link to meeting or exceeding 2050 climate goals, Beard is known by colleagues as a climate realist. She has been credited with catalyzing a wave of recent investment and engagement by oil and gas entities in the geothermal space and with recruiting and mentoring hundreds of new voices to the geothermal industry.

2. Mapping Global Geothermal Power Generation (45 min.)

<https://www.thinkgeoenergy.com/map>

The GeoEnergy Global Plant Interactive Map presentation will define how the map provides information on the plants, projects, and companies in the industry. The plants shown on the map have a listing of their name, location, MW installed, MW operating, technology, turbine, units, wells, resource temperature, developer, and operator. The projects shown on the map have a listing of their name, location, MW planned, development stage, planned technology, developer, companies involved, and financing. The companies shown on the map have a listing of their role, category, products, services, projects, and location. Basics are available to all, and detailed data for members.

Speakers: Jochen Schneider, Enerchange & **Jean Schmittbuhl**, EOST Universite de Strasbourg

Please email Joseph Yurko if you plan to attend the presentation so AIChE will Email you a Zoom link. An AIChE Continuing Professional Development certificate will be issued to you after the meeting. Thank you!

Meeting Location: Please RSVP with Joseph Yurko prior to the meeting so you will be Emailed a Zoom Link to attend the presentations

6:00 – 7:30 pm: Zoom Presentation

Cost: No Cost for Zoom Presentation

Menu: No menu for Zoom Presentation

RSVP by January 10th with Joseph Yurko and AIChE: j.yurko@sbcglobal.net

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