

Geowissenschaftliches Kolloquium

Low injectivity in geothermal reservoirs

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Low injectivity in geothermal reservoirs can have manifold geological and technical reasons. However, reservoir stimulation can help to overcome them. The stimulation should be well planned, to ensure a sustainable use of the geothermal reservoir and minimal environmental impact. “DESTRESS - Demonstration of soft stimulation treatments of geothermal reservoirs” is an EU-funded project with several study-locations including different challenges aiming for reservoir performance enhancement. This talk will focus on one site and how to approach standard challenges during operation of geothermal power plants.



Dr. Brehme is PostDoc at the International Center for Geothermal Research at GFZ Potsdam. She holds a Dipl.-Ing. (Hydrogeology) from TU Berlin and a Dr. rer. nat. from University of Göttingen (GAUSS). Areas of her expertise are geothermal reservoir characterization, enhancing reservoir performance and its sustainable use. Those include also broad experience in hydraulic, thermal and chemical data analysis and a fundamental background in thermal-hydraulic reservoir simulations.

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