

# Open Geophysical Seminar WiSe 2019/20

**Thursday 14:00** Room 0.23 E.ON ERC, Mathieustr. 10

Objectives of the seminar:

- Presentation of recent results in the field of Geophysics
- Practice of scientific communication techniques for students
- Biannual progress report of PhD projects conducted at the Institute of Applied Geophysics and Geothermal Energy or in the Geo Fluid Dynamics group
- Opportunity for invited speakers or guest scientists
- Presentation of recent or important publications
- Discussion of scientific ideas and projects as well as first preliminary studies in the field of Applied Geophysics



Interested persons please contact Johanna Ochs or Julia Kowalski:

✉ [jochs@eonerw.rwth-aachen.de](mailto:jochs@eonerw.rwth-aachen.de) ☎ 0241-80-49882

✉ [kowalski@aicew.rwth-aachen.de](mailto:kowalski@aicew.rwth-aachen.de) ☎ 0241-80-99150

Date	Speaker	Topic / Title
17.10.2019	Florian Wagner	Using seismic refraction and electrical resistivity data for the estimation of water, ice and air in permafrost systems
31.10.2019	Alexis Lamparski Melanie Hapts	Numerical Simulation of a TRT using SHERAT-Suite Geological modeling for numerical groundwater flow simulations at the New Jersey Shelf
07.11.2019	Phillip Stoffel (EBC)	Monitoring, Analyse der Energieeffizienz und nachhaltige Nutzung eines Geothermiefeldes zur Gebäudeklimatisierung
14.11.2019	Antonio Figueroa Caceres	Inverse Problems in Nuclear Disarmament
21.11.2019	Sönke Reiche (BGE, Peine)	Finding a suitable site for a high-level nuclear waste repository - insights into the work of the site selection team at BGE.
28.11.2019	Ariel Thomas Sascha Bodenburg	Investigating the emplacement of freshwater in continental shelf aquifers, a New Jersey shelf case study t.b.a.
05.12.2019	Verena Sonntag und Mario Ramirez Munoz	Borehole Heat Exchanger in a Former Mining Shaft - Measurements and Conceptual Model
12.12.2019	Sarah Garré und Christian v. Hebel	t.b.a.
19.12.2019	Thomas Hantschel (Schlumberger)	Petroleum Systems Modeling on the Move: Scientific Concepts, Numerical Models and Exploration Practices
09.01.2020	Dr. Thomas Hiller (LIAG, Hannover) and Stefan Costabel (BGR)	t.b.a.
16.01.2020	Johanna Bruckmann Hu Zhao	Experimental design for geothermal modeling t.b.a.
23.01.2020	Anna Simson Leonardo Boledi	Computational modelling of metamorphic processes in the snowpack Hierarchical Model Reduction for Flow Profiles in Cooling Channels
30.01.2020	Polina Pugacheva Xiangyun Shi	<b>Change of room to 20.44 (second floor)</b> Elektrische Tomographie in einem Abbaukammermodell Numerical Simulation of Los Humeros superhot geothermal field, Mexico

Last update 06.01.2020