Anbieter

Universität
Institut / Einrichtung: IWS-VEGAS
Jobtyp: Studentische Hilfskräfte

Angebot

Titel: student worker for geothermal project
Einsatzort: Pfaffenwaldring 61
70569 Stuttgart
Deutschland

Beschreibung

At the research facility for subsurface remediation - VEGAS, we are looking for several student assistants in order to help with scientific experiments within the framework of the research project “Validate Frost” in the field of geothermal energy. The number of hours per month can be agreed together.

Further information on the research project can be found on our website under the following link: http://www.iws.uni-stuttgart.de/forschung/projekt.php?Abteilung=&Projekt=372.

Possible tasks:
- Assisting in the setup of measurement systems (temperature, flow, reflectometry), their calibration and monitoring.
- After a short training period, independent preparation of various samples of backfilling material (FE-doped dielectric, thermally improved etc.) and their integration in small-scale experiments.
- Measurement of temperature, freezing time and phase change by means of cable temperature sensors Pt100/Pt1000 as well as TDR probes (Time Domain Reflectometry).
- General support for carrying out various small-scale and medium-scale tests (in the VEGAS hall as well as in the VEGAS cooling chamber).
- Assistance with calculations (Excel), data evaluation, chart generation.

Anforderungsprofil

- Valid enrollment certificate
- Interest in experimental work
- Meticulous way of working, independence, willingness to learn
- Knowledge of measurement technology, fluid mechanics, process engineering, programming or CAD would be an advantage
- Readiness to handle hazardous substances after safety briefing

Vergütung

10,01

Art der Beschäftigung

nach Vereinbarung
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<td><strong>Bewerbungsfristende</strong></td>
<td>Donnerstag, 14. Februar 2019 - 23:59</td>
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**Kontakt**

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