

Welcome and introduction

Work in progress: Research at the geothermal well on the campus of Delft University of Technology

- 13:15 – 13:25 Current status and related research projects (Phil Vardon)
- 13:25 – 13:40 Planned research activities (Auke Barnhoorn)
- 13:40 – 13:55 Seismic and electromagnetic monitoring (Marat Ravilov)
- 13:55 – 14:10 Towards robust uncertainty quantification for low enthalpy geothermal projects (Denis Voskov)
- 14:10 – 14:30 The first results from a 500m-deep, multi-purpose well at Delftse Hout (Hemmo Abels)

Keynote

- 14:30 – 14:50 Ensuring safe geothermal operations: modeling of induced seismicity and the importance of model validation through field-scale monitoring (Loes Buijze)

Break

14:50 – 15:20

Facility Access experiences

- 15:20 – 15:30 The Facility Access program (Ronald Pijnenburg)
- 15:30 – 15:40 Access to MINT-Utrecht (Yuval Boneh, from Ben Gurion University of the Negev, Israel)
- 15:40 – 15:50 Access to MINT-Delft (Chris van Broeckhoven, from ESA)
- 15:50 – 16:00 Access to the TecLab (Mahnaz Rezaeian, from IASBS, Iran)
- 16:00 – 16:10 Access to the HPT lab (Nicholas Perez, from Texas A&M University)

Data access

- 16:10 – 16:30 Monitoring Earthquakes in the Groningen gas field: a new dataset available at KNMI (Jarek Bienkowski)
- 16:30 – 16:50 Making it easy: updating the means to access Earth scientific lab data through EPOS Multi-Scale Labs (Richard Wessels)

Closing: 16:50 – 17:00

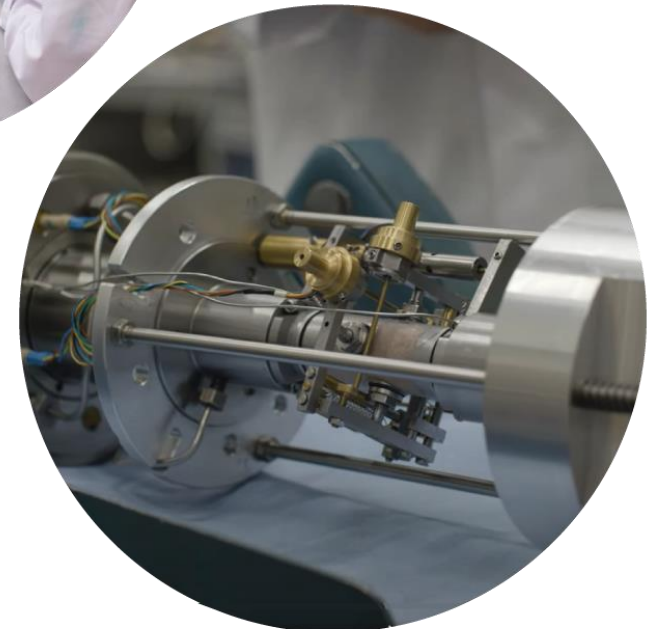
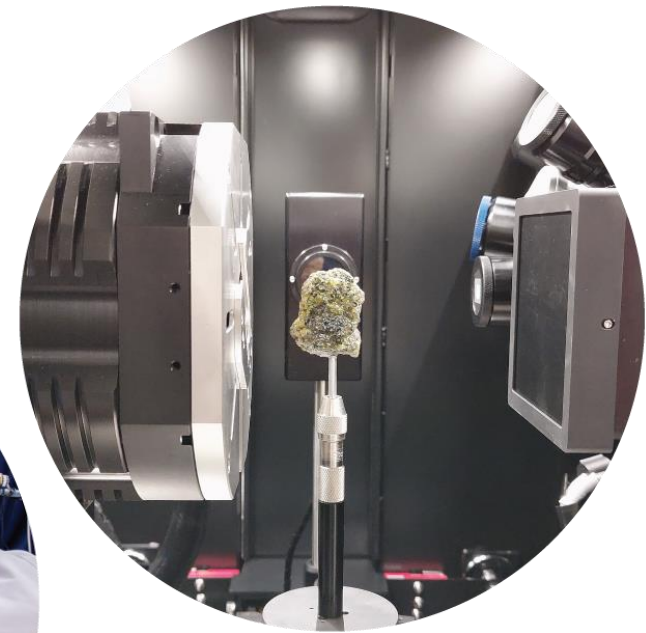
Drinks at Utrecht University: 17:00 - 18:30

Facility Access

For you!

Free of charge access to research labs at
TU Delft and Utrecht University

- Tectonic modelling lab
- High Pressure and Temperature lab
- Delft Petrophysics Lab
- Multi-scale Imaging and Tomography



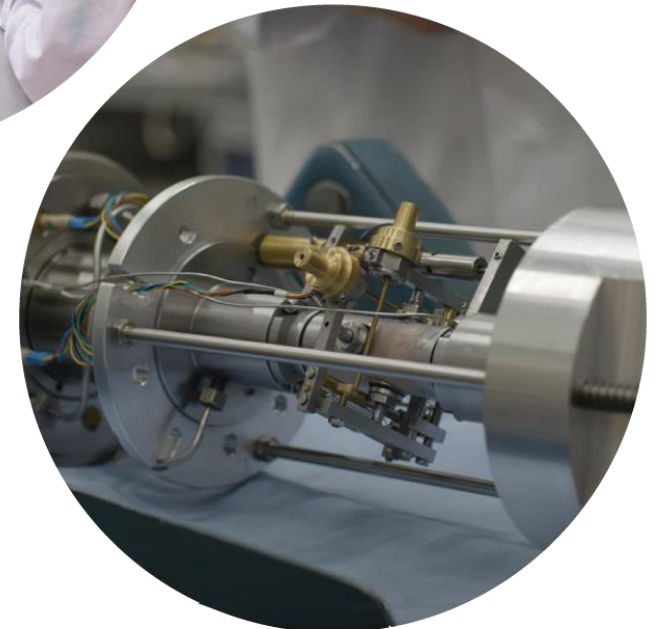
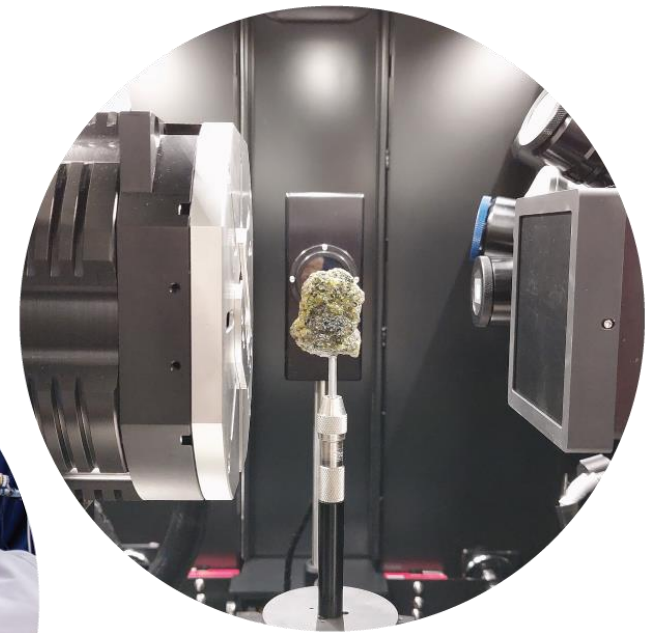
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Includes:

- **Technical support**
(how to make it work)
- **Scientific support**
(expertise! in/outside your own discipline)
- **Option:** Physical or remote visit
- **Reimbursement of costs**
for travel/accommodation/shipment



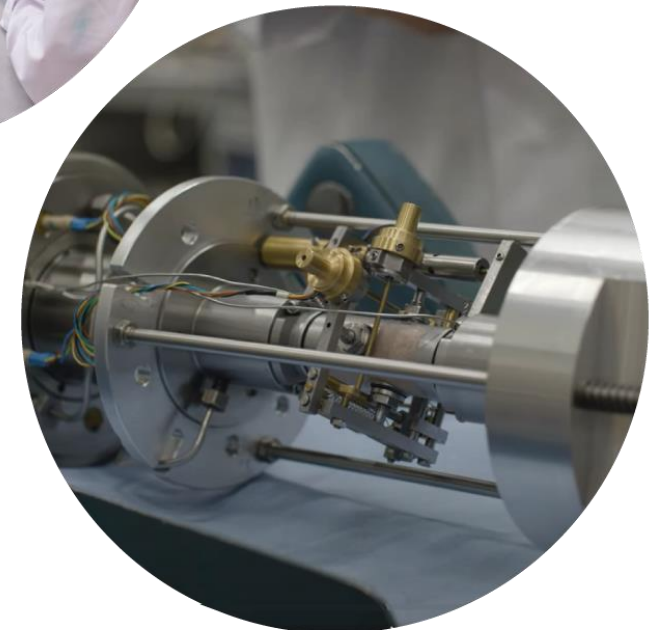
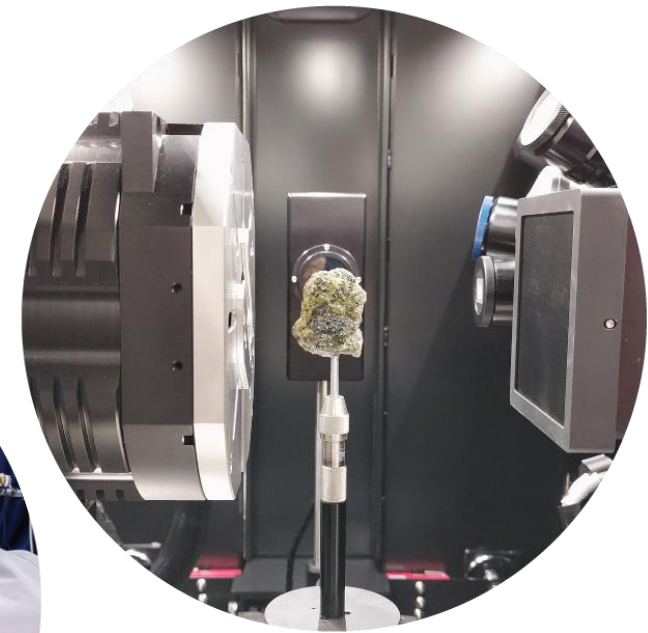
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How to apply?

- **2 calls** for proposals per year
- **2 page** proposal
- Reviewed by researchers in network
- **High chance of success**
~80% of proposals awarded in 2021
- **40 awarded projects** in 2021 + 2022



Facility Access

Apply to our next call

Dutch labs: rock deformation; analogue modelling, microscopy and tomography

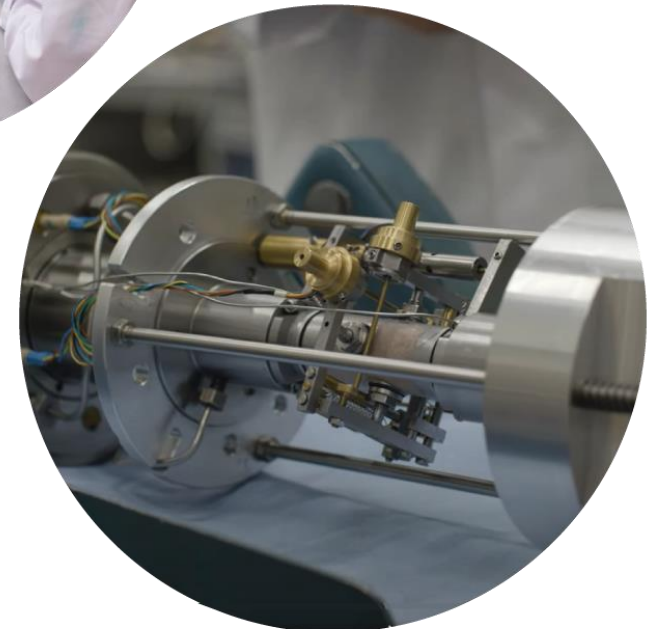
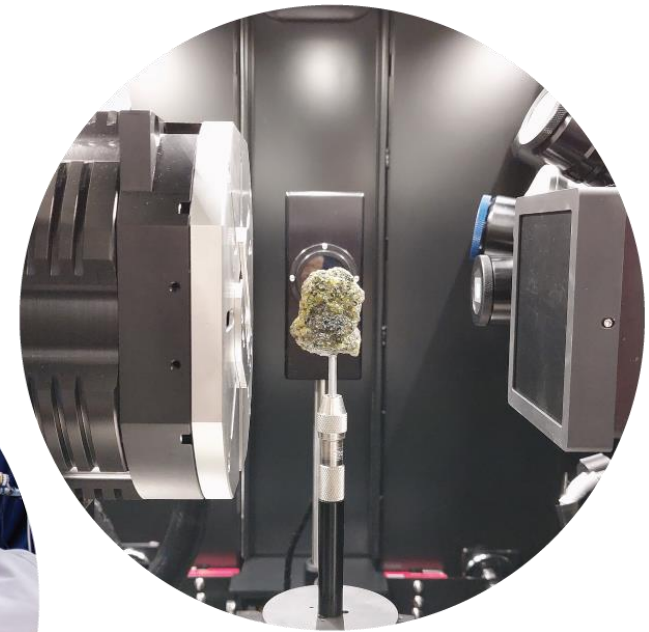
↙ **Next call: January 2023**

www.EPOS-NL.nl

www.EXCITE-network.eu

Next call: December 2022

*European microscopy
& tomography facilities* ↗



Facility Access

Experiences

15:30 – 15:40

Access to MINT-Utrecht

Talc deformation mechanisms and implications for seismic faults
- Yuval Boneh, from Ben Gurion University of the Negev, Israel

15:40 – 15:50

Access to MINT-Delft

Biomimetic potential of sea urchin spines for space applications
- Chris van Broeckhoven, from ESA

15:50 – 16:00

Access to the TecLab

Influence of strength heterogeneity in tectonic deformation of the Crust
- Mahnaz Rezaeian, from IASBS, Iran

16:00 – 16:10

Access to the HPT lab

Frictional strength evolution during subduction
- Nicholas Perez, from Texas A&M University