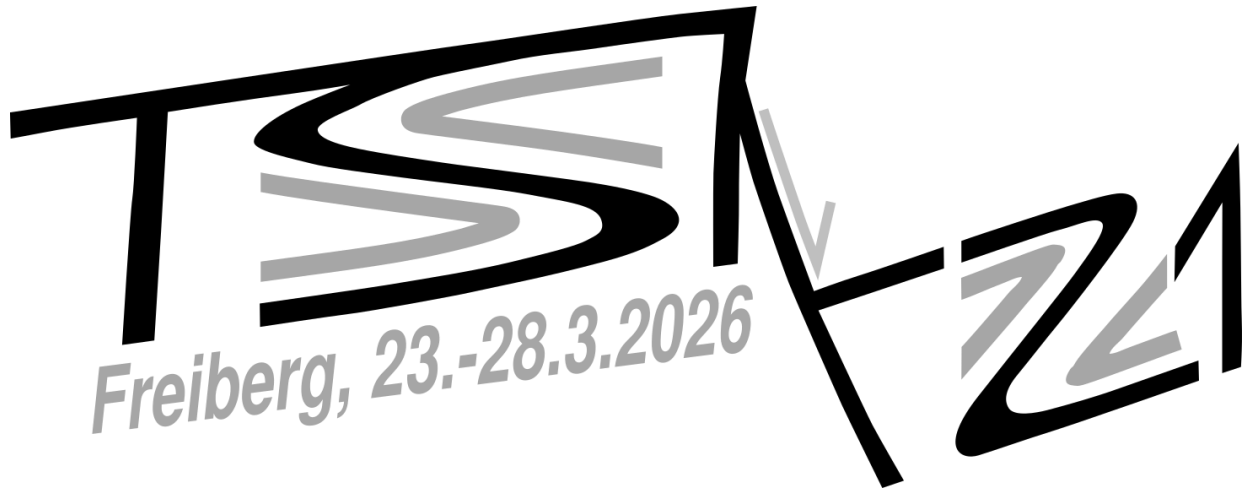


TSK Conference in Bergakademie Freiberg

Tektonik. Strukturgeologie. Kristallingeologie.



Conference Program

23.03.2026 - Monday

Workshops

24.03.2026 - Tuesday

08:00-09:00

Registration

08:30-08:40

**Opening
Welcome by Organizers**

08:40-09:20

Invited talk
Anna Rogowitz et al.
Interplay of metamorphism and deformation mechanisms in eclogite - Implications on transient mechanical behaviour at convergent settings

09:20-09:40

Jan Pleuger et al.
Do quartz-in-garnet Raman spectroscopic data and garnet fabrics reveal a fluid infiltration event in the south of the Adula nappe?

09:40-10:00

Niko Froitzheim et al.
Thrust imbrication and Late Cretaceous normal faulting in the western Austroalpine: The Arlui Fault and the Jaggl Mesozoic sediments (Ötztal Nappe, Vinschgau, Italy)

10:00-10:20

Simon Fuhrmann et al.
The eastern termination of the Southern Steep Belt (Central Alps)

- 10:20-10:40 **Coffee Break**
- 10:40-11:20 *Invited talk*
Petr Jerabek et al.
An extended extent of UHP metamorphism in the Erzgebirge wedge: some thoughts on its final structure and wedge-dome transition
- 11:20-11:40 **Lea Schulze and Uwe Kroner**
Variscan tectonics of the Elbe Zone – Pervasive strike-slip overprint of a pre-existing accretionary complex
- 11:40-12:00 **Martin Keseberg et al.**
Tectonometamorphic architecture of the Erzgebirge
- 12:00-13:40 **Lunch Break**
- 13:40-14:20 *Invited talk*
Dominik Sorger et al.
Small Inclusions, Big Implications: Tracing the Polymetamorphic Variscan Evolution of the Southern Bohemian Massif
- 14:20-14:40 **Filip Tomek et al.**
Intrusive and extrusive evolution of two Late Carboniferous calderas in the NW Bohemian Massif
- 14:40-15:00 **Petr Vitouš et al.**
Late Carboniferous geomagnetic field events captured by Altenberg–Teplice Caldera, Bohemian Massif
- 15:00-15:30 **Posters Presentation (1 min, 1 slide)**
- 15:30-15:45 **Coffee Break**
- 15:45-17:30 **Poster Session**
- 19:30-21:00 *Plenary Talk*
Jonas Kley
Endlagerung atomarer Abfälle – die geologische Sicht

25.03.2026 - Wednesday

- 09:00-09:20 **Armin Zeh et al.**
A juvenile arc terrane in the Mid-German Crystalline Zone –constraints from zircon U-Pb-Hf isotope data and implications for pre- to syn Variscan evolution
- 09:20-09:40 **Uwe Kroner**
Plate tectonic evidence for a Late Devonian lithospheric scale strike-slip zone in Central Europe

- 09:40-10:00 **Vanessa Steinritz and Klaus Reicherter**
Intraplate paleoseismicity in low seismic settings of Central Europe (Germany)
- 10:00-10:20 **Florian Trilsch et al.**
A virtual KTB (Kontinentale Tiefbohrung): The ultimate benchmark for apatite fission track annealing?
- 10:20-10:40 **Coffee Break**
- 10:40-11:00 **Berndt Leiss and David C.P. Peacock**
Limits of classical geothermal reservoir modelling in the Rhenohercynian Fold and Thrust Belt
- 11:00-11:20 **Alena Broge et al.**
Glossar geologischer Brüche
- 11:20-11:40 **Chen et al.**
Diagenetic and detrital controls on the mechanical properties of sandstone
- 11:40-12:00 **Dorina Juhász et al.**
Stress- and time dependent permeability evolution of claystones and different sealing materials for CO₂ storage
- 12:00-13:40 **Lunch Break**
- 13:40-14:20 *Invited talk*
Rebecca Kühn et al.
The microstructural record of oceanic core complex serpentinites - interaction of deformation and reaction
- 14:20-14:40 **Larissa Lenz et al.**
Brittle-ductile deformation of diopsidic clinopyroxene during incipient transformation of granulite to eclogite
- 14:40-15:00 **Dustin Lang et al.**
Predicting elastic anisotropy of foliated rocks based on laboratory measurements and macro-/microstructural observations (NW-Tauern Window, Austria)
- 15:00-15:20 **Nick Harpers et al.**
Microstructural Control of Fault Gouge Behaviour: Insights from Operando 4D Synchrotron Microtomography
- 15:20-15:40 **Coffee Break**
- 15:40-17:30 **Poster Session**
- 18:30-22:00 **Social Evening**

26.03.2026 - Thursday

08:40-09:20

Invited talk

Paul Bons and Yuan-Bang Hu

Folding of intrinsically anisotropic rocks and ice

09:20-09:40

Iskander Muldashev and Thorsten Nagel

*Margins, Oceans, and Compression: What Controls
Collision Architectures?*

09:40-10:00

N. N.

10:00-10:20

Michael Stipp et al.

*Birth, Life and Fate of a Hadal Basin in the Japan Trench
– First Results from IODP3-Expedition 503*

10:20-10:40

Coffee Break

10:40-12:00

TSK General Meeting

12:00-13:40

Lunch Break

**27-28.03.2026 - Friday-
Saturday**

Field Trips