



## Czech-German workshop on tectonics and geothermochronology

15.9.2022 Conference centre IRSM CAS, Prague

11:00 Lucie Nováková (IRSM CAS, TUBAF) – Welcome and introduction talk

### Session 1

11:15 Raymond Jonckheere (TUBAF) - *Tracks of time and the thermal histories of rocks*

11:35 Carolin Aslanian (TUBAF) - *Etching fission tracks in apatite to reconstruct their thermal histories*

11:55 Leila Sarkhosh (TUBAF) - *The thermal properties of partial annealed fission tracks in multiple etched Durango apatite*

12:15 Raymond Jonckheere (TUBAF) - *The ravages of time and the vibrations of zircon*

12:35 Lunch break

### Session 2

13:30 Erhan Gulyuz (IRSM CAS) - *Integration of Paleomagnetic Data with Geo/Thermo-chronology*

13:50 Miroslav Coubal (IRSM, GLI CAS) - *The youngest tectonic crustal stresses in the Bohemian Massif inferred from the faulted lava flow of Komorní Hůrka Volcano (1,1 Ma)*

14:10 Lucie Nováková (IRSM CAS, TUBAF) – *Testing fission-track tectonics: A natural long-term, low-temperature annealing experiment in Palaeozoic basement*

14:30 Bastian Wauschkuhn (TUBAF) - *The Kontinentale Tiefbohrung: building on a firm foundation*

15:00 Coffee break

### Session 3

15:30 Lothar Ratschbacher (TUBAF) - *Steady-state plate tectonics—unsteady orogeny: a view from Pamir-Tibet*

15:50 Nilay Gülyüz (IRSM CAS) - *Application of low temperature thermochronology to the exploration of porphyry copper deposits with case studies in Tethyan Metallogenic Belt, Turkey*

16:10 Florian Trilsch (TUBAF) - *Cenozoic Evolution of the SW-Tian Shan – a perspective from low-temperature thermochronology*

16:30 Chandreyee Goswami (IRSM CAS) - *Understanding the Neogene Uplift along the Eastern Himalayan Syntaxis: Importance of U-Th/He low temperature thermochronology*

17:00 Final word



EVROPSKÁ UNIE  
Evropské strukturální a investiční fondy  
Operační program Výzkum, vývoj a vzdělávání



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The project “ZircoNia” is funded by the EU/MEYS (CZ.02.2.69/0.0/0.0/19\_074/0014756).