



SEISMICKÝ SEMINÁŘ / SEMINAR ON SEISMOLOGY

Seminář o aktuálních problémech v oblasti seismického výzkumu Země
/Recent topics of the seismological investigation of the Earth

Zimní semestr 2023/24

- 6. 10. J. Zahradník (FMP CUNI)
Sixty years of seismology with Czech footprint and outlook (working seminar)
- 13. 10. P. Kolář (IG CAS)
Can acoustic emission signals be interpreted by machine learning formalism?
- 20. 10. J. Brokešová, O. Novotný (FMP CUNI), **J. Málek (IRSM CAS)**
New velocity structure of the Nový Kostel earthquake-swarm region
- 27. 10. V. Vavryčuk (IG CAS), M. Petružálek, T. Lokajíček, A. Aminzadeh (GLI CAS)
Bi-modular properties of sandstone inferred from seismic moment tensors of acoustic emissions
- T. Fischer (FS CUNI), P. Hrubcová (IG CAS)
- 3. 11. Relation of seismic and volcanic activity during the recent eruptions in Reykjanes peninsula, Iceland
- E. Káldy, T. Fischer (FS CUNI)
- 10. 11. Microseismic network sensitivity in case of no seismic activity (Case study from Litoměřice in Czech Republic, proof-tested in West Bohemia)
- J. Málek (IRSM CAS)**, J. Brokešová (FMP CUNI)
- 1. 12. Rotragraph – a new instrument for simultaneous measurements of seismic translations and rotations
- P. Kolínský (IG CAS)
- 8. 12. Diffraction of surface waves, eikonal tomography, wavefield gradients and implications for structure of the crust and upper mantle
- J. Vackář, J. Málek, J. Valenta (IRSM, CAS)**, I. Prachař, B. Mrkvová (IP Consult)
- 15. 12. Interactive earthquake-hazard map of the Czech Republic

Seminars are held on Fridays from 2:00 p.m. Attendance in person is preferable; remote participation is possible via [MS Teams](#). The presentations in English should last approximately 1 hour, followed by a discussion.