



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 / Winter term 2025/26

- 17. 10. P. Kolínský (IG CAS), et al.
Holographic effects in earthquake and ambient noise wavefields
- L. Eisner, Z. Jechumtálová (Seismik), et al.
- 24. 10. How to design seismic monitoring network for long-term underground injections; concepts and application to Saudi Arabia CO2 sequestration
- L. Joshi (FMP CUNI), J. P. Narayan (EQD IITR)
- 31. 10. Impact of urban environment on strong ground motion characteristics – insight from numerical simulations
- J. Premus (FMP CUNI)
- 7. 11. Dynamic rupture inversion of the 2025 Mandalay (Myanmar) earthquake using machine learning
- J. Brokešová (FMP CUNI), J. Málek (IRSM CAS)
- 14. 11. Seismogram noise reduction using non-linear stacking: application to six-degree-of-freedom Rotaphone data
- V. Vavryčuk, R. Lukešová, P. Hrubcová, L. Fojtíková (IG and IRSM CAS)
- 21. 11. Station calibration for calculating accurate moment tensors – application to Vrancea earthquakes
- J. Plomerová, H. Žlebčíková, J. Kvapil, L. Vecsey (IG CAS), and AlpArray WG
- 28. 11. Effects of inversion volume size on body-wave tomography images – an example from the Eastern Alps
- K. Karimi, T. Fischer (FS CUNI)
- 5. 12. Matched field seismic noise processing for detection of mofette sources
- N. Hassan, Ch. Sippl (IG CAS)
- 12. 12. Visualizing dehydration processes with high-resolution local earthquake tomography of the Nazca slab in Northern Chile

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.