



SEISMICKÝ SEMINÁŘ / SEMINAR ON SEISMOLOGY

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

Letní semestr / Summer term 2024/25

- 21. 2. D. Mašín (FS CUNI)
Soil behavior modeling using hypoplasticity with various engineering applications including seismic response and liquefaction predictions
- 28. 2. J. Puente Huerta, C. Sippl (IG CAS), J. Münchmeyer (Univ. Grenoble), I. W. McBrearty (Stanford Univ.)
Turning picks into events: Evaluating seismic phase associators
- 14. 3. P. Hrubcová, V. Vavryčuk, T. Fischer, J. Doubravová (IG CAS and FS CUNI)
Stress variations and non-shear earthquakes prior to the 2021 Iceland eruption: Implications for magmatic fluid flow dynamics
- 21. 3. S. Ray (EQD IITR)
Elasto-frictional instabilities and their relevance in earthquake and landslide nucleation (ONLINE)
- 28. 3. M. Labuta, J. Burjánek (IG CAS)
Assessment of three-dimensional site effects using seismic ambient vibrations at selected maar volcanoes in West Bohemia
- 4. 4. J. Zahradník (FMP CUNI)
Bayesian bootstrap, implementation in ISOLA, and non-DC components of the 2025 Santorini-Amorgos earthquakes
- 11. 4. M. Hronek, F. Gallovič (FMP CUNI)
Inverse physics-based modeling of the 2016 Mw 6.1 Tottori earthquake
- 25. 4. L. Joshi, F. Gallovič (FMP CUNI)
Heterogeneous dynamic rupture models: Rupture complexity and broadband ground motions
- 2. 5. no seminar (EGU)
- 9. 5. no seminar
- 16. 5. J. Málek (IRSM CAS), J. Brokešová (FMP CUNI)
Seismogram noise reduction using non-linear stacking: application to six-degree-of-freedom Rotaphone data
- 23. 5. S. Colombelli (Univ. Naples)

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.