

The Board of the large research infrastructure CzechGeo/EPOS invites you to

Workshop CzechGeo/EPOS

held on Wednesday 22nd November 2017

in the Institute of Atmospheric Physics CAS, Boční II/1401, Praha 4 – Spořilov

Program

10:00 – 12:30 CzechGeo/EPOS – data and services for research and applications

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| 10:00 – 10:50 | Pavel Hejda | Large research infrastructure CzechGeo/EPOS and related projects |
| 10:50 – 11:05 | Coffee break | |
| 11:05 – 12:00 | Geological and geophysical databases | |
| | Dana Čápková | CzechGeo/EPOS - Section of Geological and Geophysical Databases: the main activities in 2017 |
| | Lucie Kondrová | Geophysical data and metadata and INSPIRE |
| | Eva Hudečková | Inventory of geophysical data in CR |
| | Vladimír Kolečka | Web map application to access seismic data |
| 12:00 – 12:15 | Josef Stemberk | Progress and selected results within the section Crust Geodynamics in 2017 |
| 12:15 – 12:30 | Michal Vlk | Building up a new geomagnetic observatory at Polom station |

12:30 – 13:30 Lunch break

13:30 – 16:15 Scientific results based on CzechGeo/EPOS data and services

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| 13:30 – 13:45 | Jan Douša, Pavel Václavovič, Michal Eliáš | Tropospheric products of the second GOP European GNSS reprocessing (1996–2014) |
| 13:45 – 14:00 | J. Plomerová, G. Hetenyi, H. Kampfová, I. Bianchi, and AlpArray WG | MOBNET in AlpArray project |



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| 14:00 – 14:15 | J. Kvapil, J. Plomerová and AlpArray WG | Ambient noise study at CRSN and AlpArray stations in CZ |
| 14:15 – 14:30 | L. Vecsey, J. Plomerová, P. Jedlička, H. Munzarová, V. Babuška and AlpArray WG | Data quality control and tools in passive seismic experiments |
| 14:30 – 14:45 | Jan Blahůt | Results of monitoring of huge landslide at Hierro Island (SlopeNet) |
| 14:45 – 15:00 | Coffee break | |
| 15:00 – 15:15 | Miloš Briestenský | Tectonic strain changes recognised by fault slip monitoring along eastern border of the Bohemian Massif (TecNet) |
| 15:15 – 15:30 | J. Horálek, H. Jakoubková, J. Doubravová, J. Klicpera | WEBNET network - a primary tool for understanding of the West Bohemia/Vogtland earthquake swarms |
| 15:30 – 15:45 | Jana Doubravová | Neural network-based seismic event detector: an application to swarm-like earthquakes in West Bohemia and South-west Iceland |
| 15:45 – 16:00 | T. Fischer, J. Heinicke, C. Matyska, J. Vlček | Carbon-dioxide production and seismic activity in West Bohemia |
| 16:00 – 16:15 | Jan Mrlina, Michal Seidl | Do West Bohemian earthquakes displace the surface? |

