

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

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 Vlček	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

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



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?

**Registration:** For information look at <http://www.ig.cas.cz/> , section „Novinky“ (Czech speaking participants) or send e-mail to [ph@ig.cas.cz](mailto:ph@ig.cas.cz) (others). A complimentary lunch will be offered to registered participants.



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