

## NASPMON final meeting

**April 24, 2024**

*Location: ÍSOR (Geothermal Training Programme), Urðarhvarf 8, 203 Kópavogur, Iceland*

**NOTE: The presentation times include time for questions and discussion**

**9:30 - 9:45** Opening, brief general information on NASPMON - *Jan Burjánek*

**9:45 - 10:15** Overview talk on the recent volcano-tectonic activity on the Reykjanes Peninsula and the role of the REYKJANET network – *Egill Á. Guðnason*

**10:15 - 10:40** Data sharing agreements and collaboration established between NASPMON and other groups and institutions - *Porbjörg Ágústsdóttir and Egill Á. Guðnason*

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**11:00 – 11:15** Advances in processing of seismic data at ÍSOR through NASPMON - *Rögnvaldur L. Magnússon*

**11:15 - 11:35** Seismicity as a possible indicator of magma accumulation prior to the recent Reykjanes eruptions - *Tomáš Fischer, Josef Vlček, Pavla Hrubcová*

**11:35 - 11:55** Pre-eruption 2021 seismic activity at Fagradalsfjall, Iceland, as a sensitive indicator of volcano-tectonic movements - *Pavla Hrubcová, Tomáš Fischer, Jana Doubravová, Václav Vavryčuk*

**11:55 - 12:10** Spatiotemporal Variations of In Situ  $V_p/V_s$  Ratio During the Seismic Swarm Preceding the 2021 Eruption in Fagradalsfjall - *Ali Masihi, Tomáš Fischer*

**12:10 - 12:25** Utilizing the new master event method of relocation with REYKJANET data - *Diana Konrádová, Jana Doubravová, Bohuslav Růžek, Jan Burjánek*

----- LUNCH BREAK -----

**13:30-13:45** Recent time lapse gravity measurements on the Reykjanes Peninsula – *Gylfi Páll Hersir and Egill Á. Guðnason*

**13:45-14:00** b-value analysis for different periods of activity – *Josef Vlček*

**14:00-14:20** Frequency-dependent attenuation of seismic waves determined from REYKJANET network – *Jirka Málek, Lucia Fojtíková*

**14:20 – 15:00** NASPMON outcomes: deliverables and paper drafts - *Porbjörg Ágústsdóttir, Egill Á. Guðnason, Gylfi Páll Hersir, Jan Burjánek*

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**15:15 – 15:30** The NASPMON project and the REYKJANET legacy network: what has been gained and future plans.

**15:30 – 16:00** General discussions.