

## Dagskrá Vorráðstefnu JFÍ, 10. mars 2023

08:15 Skráning opnar

**Fundarstjóri Halldór Geirsson**

08:50 – 09:00 Setning

*Þorsteinn Sæmundsson*

09:00 – 09:15 Hvað veldur Heklugosum?

*Olgeir Sigmarsson*

09:15 – 09:30 Neðansjávarskriður

*Ögmundur Erlendsson*

09:30 – 09:45 Electrical Resistivity Tomography and Ground-Penetrating Radar Measurements for Permafrost Detection on Strandartindur, Seyðisfjörður - East Iceland

*Alexandra von der Esch*

09:45 – 10:00 The fossilized human boot tracks in the palagonitized tuff deposits of Surtsey Island

*Birgir V. Óskarsson*

10:00 – 10:15 Interaction between propagating basaltic dikes and pre-existing fractures: A case study in hyaloclastite from Dyrfjöll, Iceland

*Sonja H. M. Greiner*

**10:15 – 10:45 Kaffi – Veggspjaldasýning**

10:45 – 11:00 Fractures and holocene eruption vents in the tuya Fagradalsfjall, Reykjanes Peninsula

*Vigfús Eyjólfsson*

11:00 – 11:15 Ytri-Hagi, the key to understanding the Dalvík Lineament? – A structural and geothermal field assessment, North Iceland

*Anett Blischke*

11:15 – 11:30 Sigkatlar í jöklum á Íslandi

*Magnús Tumi Guðmundsson*

11:30 – 11:45 Jarðskjálftamælingar með ljósleiðurum

*Kristín Jónsdóttir*

11:45 – 12:00 Six decades of research on water stable isotopes at the Institute of Earth Sciences, Science Institute, University of Iceland

*Árný E. Sveinbjörnsdóttir*

12:00 – 12:15 Strain Localization at Volcanoes Undergoing Extension: Investigating Long-term Deformation at Krafla and Askja in North Iceland

*Chiara Lanzi*

**12:15 – 13:00 Matur – Veggspjaldasýning**

**Fundarstjóri Lúðvík E. Gústafsson**

- 13:00 – 13:15 Stóri-Hamradalur í Móhálsadal á Reykjanesskaga  
*Páll Imsland*
- 13:15 – 13:30 Safn íðorða og hugtaka í skjálftafræði og tectóník  
*Páll Einarsson*
- 13:30 – 13:45 Öskjuvatn 1975, 2012 og 2013  
*Jón Ólafsson*
- 13:45 – 14:00 Plastic pollution and beach wrack on a coast in Snæfellsnes  
*Throstur Thorsteinsson*
- 14:00 – 14:15 EPOS, Evrópska flekamælikerfið og þróun íslenskra FAIR gagnþjónusta til framtíðar  
*Kristín Vogfjörð*
- 14:15 – 14:30 Temperature and salinity of the deep geothermal fluid in the Reykjanes geothermal field based on fluid inclusions  
*Linus Hüne*
- 14:30 – 14:45 Major and trace element composition of the deep geothermal fluid of the Reykjanes geothermal system based on fluid inclusions of the IDDP-2 drill cores  
*Enikő Bali*

**14:45 – 15:15 Kaffi & Veggspjaldasýning**

- 15:15 – 15:30 Solubility of geologically important minerals in hydrothermal fluids within the roots of volcanic geothermal systems  
*Sigríður María Aðalsteinsdóttir*
- 15:30 – 15:45 Origin of gabbro and anorthosite mineral clusters in Fagradalsfjall lavas  
William Charles Wenrich
- 15:45 – 16:00 Volcanic degassing during the recent Fagradalsfjall and Meradalir eruption  
*Samuel Scott*
- 16:00 – 16:15 Trace element transport in volcanic gases at Vulcano, Italy  
*Celine L. Mandon*
- 16:15 – 16:30 The role of segregation process in lava flow degassing  
*Nicolas Levillayer*
- 16:30 – 16:45 Ice-stream shutdown during deglaciation: evidence from the Iceland Ice Sheet  
*Nína Aradóttir*
- 16:45 – 17:00 Fingraför forns ísstraums í Bárðardal  
*Ívar Örn Benediktsson*

**17:00 – Hressing**

## Veggspjöld

Displacement measurements of the three main landslide bodies at Almenningar, North Iceland. A feature tracking application

*Elías Arnar, Benjamin Hennig & Þorsteinn Sæmundsson*

Sprengrigis í Heklu á ár Hólósen - Hvernig byrjaði Hekla?

*Esther Ruth Guðmundsdóttir, Bergrún Arna Óladóttir, Guðrún Larsen & Olgeir Sigmarsson*

Preliminary research into Slope instability above Engjabakki and Högnastaðir farms, Eskifjörður, east Iceland

*Gísli Bjarki Guðmundsson Gröndal, Þorsteinn Sæmundsson & Jón Kristinn Helgason*

Gjóskulagið Hekla-S, ~3850 ára, ásýnd, dreifing, stærð

*Guðrún Larsen, Esther R. Guðmundsdóttir, Bergrún A. Óladóttir & Bryndís G. Róbertsdóttir*

Diversity of intertidal ostracods (micro-crustaceans) from SW Iceland as tool to monitor climate-change impacts

*Alejandra García Madrigala, Angel Ruiz Angulo & Steffen Mischke*

Trace element transport in volcanic gases at Vulcano, Italy

*Celine L. Mandon, Hanna Kaaslainen, Sergio Calabrese, Everett L. Shock, Panjai Prapaipong, Walter D'Alessandro, Franco Tassi, Ingvi Gunnarsson, Jóhann Gunnarsson-Robin & Andri Stefánsson*

Sagan af zirkon úr Hvítserki

*Olgeir Sigmarsson & Jean-Louis Paquette*

Langtímahættumat valinna svæða á Íslandi: Vá af völdum hraunflæðis, gasmengunar og gjóskufalls

*Melissa Anne Pfeffer, Bergrún Arna Óladóttir, Sara Barsotti, Bogi B. Björnsson & Sigrún Karlsdóttir*

Gögn sem gagnast

*Ríkey Júlíusdóttir, Kristín S. Vogfjörð, Sara Barsotti & Bergrún A. Óladóttir*

He-CO<sub>2</sub>-N<sub>2</sub> isotope and relative abundance characterization of Ethiopian Rift geothermal fluids

*Sæmundur A. Halldórsson, Paolo Scarsi, Tsegaye Abebe, Tyler Evans, Justin T. Kulongoski, Paterno R. Castillo, Peter H. Barry & David R. Hilton*

Hafsbotnsjarðfræði á landgrunni Íslands

*Ögmundur Erlendsson, Árni Hjartarson, Anett Blischke, Steinunn Hauksdóttir, Davíð Þór Óðinsson & Árni Vésteinsson*