

Haustráðstefna JFÍ, 19. nóvember 2021**JFI Fall Meeting 19. November 2021**

11:45 Ráðstefna opnar / Meeting link opens

12:25 Þorsteinn Sæmundsson Setning / Opening address

Fundarstjóri / session chair: Þorsteinn Sæmundsson12:30-12:45 *Anett Blischke* Jarðhitakerfið við Ytri-Vík: Strúktúrjarðfræðikönnun12:45-13:00 *Vala Hjörleifsdóttir* Hengill – the most extensively monitored seismic region in Iceland13:00-13:15 *Knútur Árnason* The deep crustal conductor under Iceland: Almost a half century old unresolved enigma confusing geosciences !!13:15-13:30 *Gunnar Gunnarsson* Að stækka jarðhitaauðlindina niður á við: Staða djúpbörunarverkefnisins og framtíðarsýn13:30-13:45 *Andri Stefánsson* Fingerprinting superhot geothermal resources using boron and chlorine systematics13:45-14:00 *Barbara I. Kleine* Tracing the fate of seawater-sulfate in the oceanic crust using stable isotopes14:00-14:15 *KAFFI / COFFEE BREAK***Fundarstjóri / session chair: Sigríður Kristjánsdóttir**14:15-14:30 *Greta H. Wells* Holocene jökulhlaups along the Hvítá River, Iceland: geomorphology, hydrology, and implications for Icelandic Ice Sheet reconstruction14:30-14:45 *Angel Ruiz-Angulo* Impact of Ocean Warming and Natural Variability on the Stratification and Mixed Layer Depth around Iceland14:45-15:00 *Stefan T.M. Peters* Evaporite-derived oxygen in iron oxide-apatite deposits15:00-15:15 *Chica Mendoza Joseline Jamileth* Emplacement temperatures of the ~ 3580 BC Chachimiro pyroclastic blast deposits (Ecuador) through paleomagnetism15:15-15:30 *Michael R. Hudak* Conduit formation and crustal microxenolith entrainment in a monogenetic basaltic eruption: Observations from the 3.5 ka eruption of Þríhnúkaígur Volcano, Iceland15:30-15:45 *Samuel Scott* Shallow magma degassing drives short-period lava fountaining at Fagradalsfjall, Iceland15:45-16:00 *KAFFI / COFFEE BREAK***Fundarstjóri / session chair: Nína Aradóttir**16:00-16:15 *Edward W. Marshall* Rapid geochemical evolution of the mantle-sourced Fagradalsfjall eruption16:15-16:30 *Gro B. M. Pedersen* Volume, Discharge Rate and lava transport at the Fagradalsfjall eruption 2021: Results from near real-time photogrammetric monitoring16:30-16:45 *Oliver D. Lamb* Turbulence and bubbles: acoustic observations of fire fountains during the 2021 Fagradalsfjall eruption, Iceland16:45-17:00 *Ásta Rut Hjartardóttir* Recent activity of the Tungnafellsjökull fissure swarm and its link with the Bárðarbunga volcanic system17:00-17:15 *Michelle Parks* Recent deformation observations and geodetic modelling at Askja volcano17:15-17:30 *Eyjólfur Magnússon* Grímsvötn halda í sér í tilefni 25 ára afmælis Gjalpargossins

17:30-19:00 Spjall og sprútt í rafheimum Discussions and drinks in virtual breakout rooms