

Friday 26th May			
8:00 - 8:30	Registration open		
8:30 - 9:15	Keynote session 2 Chair: Freyr Pálsson Keynote 3	Keynote 3 - Krishna Kanta Panthi NTNU, Trondheim, Norway Professor; Rock Engineering, Hydropower Development, Tunneling Engineering Geology in Hydropower Engineering	
9:15 - 9:45	Keynote 4	Keynote 4 - Kristín Jónsdóttir Icelandic Met office, Head of Department for: Volcanic activity, earthquakes and deformation. The unrest on the Reykjanes Peninsula and eruption in Fagradalsfjall 2021 & 2022	
9:45 - 10:15	Coffee		
10:15 - 10:30	Session 4 Technical Papers Chair: Jonny Sjöberg Co-Chair: Oddur Sigurðsson	Digitalization in rock mechanics: A parametric design for numerical models in Norway	Mario Morales C
10:30 - 10:45		Strategic management of water filled tunnels	Andrius Rimsa
10:45 - 11:00		Deep learning applications in overbreak estimation and prediction for tunnels using point cloud	Jorge Alvarez
11:00 - 11:15		Rapid photogrammetric method for rock mass characterization in underground excavations	Mateusz Janiszewski
11:15 - 11:30		Geoscientific investigation for the site selection of high-level radiowaste disposal in South Korea	Dae-Sung Cheon
11:30 - 12:00	Closing	Closing remarks: Roger Olsson Closing: Atli Karl Ingimarsson	
12:00 - 12:45	Lunch		
13:00 - 18:00	REYKJANES PENINSULA FIELD TRIP - The very active volcanic area. Our guide will be <i>Magnús Tumi Guðmundsson</i> , Professor in Geophysics at the University of Iceland. On this field trip we will get on-the-bus introduction to the geology of Reykjanes, plate boundary and geothermal utilization. FAGRADALSFJALL eruption site (2021 & 2022) Stop at Lyngbrekkur from we'll hike to the Fagradalsfjall volcanic system and 2021 & 2022 eruption site. The walk is about 800 m long. We will see the newest lava in Iceland, eruptive vents that intersected the Pleistocene sub-glacial volcanic system. Stop is approx. 45 min. STAMPAHRAUN and the onset of the mid-oceanic ridge This stop leads us to the tip of the southwestern most part of the Reykjanes peninsula, where the mid-oceanic ridge rises out of the sea with its fissure-dominated volcanic system, lava flows, and shield volcanoes. The latest activity was in 1210-1240 CE called the Reykjanes Fires, the Younger Stampahraun was formed at the beginning of that Fires, most probably in 1211 CE. „Bridge between continents“ The last stop ends at the plate boundary with a brief stop at the "Bridge Between Continents", before heading back to Reykjavik.		
18:00 - 20:00	Last stop: SKY LAGOON This trip will end by visit to The Sky Lagoon , a thermal spa inside a rock environment inspired by nature & culture. - See more on https://www.skylagoon.com		

