

*Public defense of Master's thesis in Earth sciences*

**Monday, the 29<sup>th</sup> of January, 2024 – UNIL – Géopolis 1620**

Hours	Student	Title	Supervisor	Rapporteur
09 :30	Mariam Coulibaly (UNIL)	Thermometry and geochemistry of stable isotopes at the southwest end of the Aar Massif between Gampel-Leuk in the Swiss Alps	Lukas Baumgartner	Jean-Luc Epard
10 :05	Yohann Chatelain (UNIGE)	Structural analysis of a highly oblique rift zone influenced by a transform fault in southwest Iceland	Joël Ruch	Guy Simpson
10 :40	<b>Break</b>			
10 :55	Jonas Schranz (UNIL)	Mantle xenoliths from the 2021 Tajogaite eruption (La Palma): a window into magma genesis and evolution	Luca Caricchi	Sébastien Pilet
11 :30	William Grove (UNIGE)	Developing a Modular Catastrophe Model for Educational Purposes	Corine Frischknecht and Michel Jaboyedoff	György Hetényi

**12 :05** *Lunch*

<b>13 :00</b>	Douglas Stumpp (UNIL)	Combining Nodal Ambient Noise Tomography with Deep Learning Methods for Enhanced Volcanic Imaging During Unrest: A Case Study of Vulcano-Lipari System (Italy)	Matteo Lupi	György Hetényi
<b>13 :35</b>	Sebastian Betancur Figueroa (UNIGE)	Pre-accretionary tectonic history of the basement of the Western Cordillera and Coastal forearc, Ecuador	Richard Spikings	Perach Nuriel

**14 :10** *Teachers meeting on zoom and in the room*

The defenses will be following by an APERO