

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

**Monday and Tuesday the 24<sup>th</sup> and the 25<sup>th</sup> of June, 2024 – UNIGE – Les Maraîchers 001**

**Monday the 24th of June 2024:** <https://unige.zoom.us/j/61997204591>

Hours	Student	Title	Supervisor	Rapporteur
13 :00	Judith Blasco Neira (UNIGE)	Magmatic stratigraphy of the Eocene porphyries at the Gaby porphyry copper deposit (northern Chile): Implications for exploration	Kalin Kouzmanov	Massimo Chiaradia
13 :35	Michaïl Henry (UNIGE)	Seismic velocity changes within the Swiss Jura using ambient noise interferometry	Lupi Matteo & Geneviève Savard	Anne Obermann
14 :10	Erwan Delfaud (UNIL)	Quantitative analysis of selenium in silicate samples : development of LA-ICP-MS methods and application to melt inclusions	Zoltan Zajacz & Alexandra Tsay	Massimo Chiaradia
14 :45	Martin Miranda Muruzabal (UNIGE)	Thermodynamic and Empirically-Based Machine Learning Thermobarometry with Application to Mt. Etna	Luca Caricchi	Pierre Lanari
15 :20	<i>Teachers meeting on zoom and in the room</i>			

Tuesday the 25th of June 2024: <https://unige.zoom.us/j/66397930510>

Hours	Student	Title	Supervisor	Rapporteur
11 :00	Linus Lewandowski (UNIGE)	Exploring the possibilities of high-resolution spectral imaging to investigate rockfall source zones.	Marc-Henri Derron	Michel Jaboyedoff
11 :35	Gaia Pillinini (UNIL)	Constraining Early Martian Hydrological History through Analysis of Fluvial Ridges.	Sébastien Castellort & Abdallah Zaki	Stéphane Pochat
12 :10	<b>Lunch</b>			
13 :30	Angie Ramirez (UNIGE)	From volcanic risk assessment to short-term management for volcanic crises: the example of Vulcano Island, Italy	Costanza Bonadonna, Corine Frischknecht & Sébastien BIASSE	Marco Pistolesi
14 :05	Eliana Norona Munoz (UNIGE)	Ordovician magmatic and tectonic history of the Alpine basement in the Aar massif and Gotthard nappe: U-Pb geochronology, trace elements and initial Hf isotopic composition of zircon.	Richard Spikings & Urs Schaltegger	François Bussy
14 :40	<b>Break</b>			
15 :00	Nicolas Serrano (UNIGE)	Landslide and structural analysis of an unresting volcano using drone imagery and field observations at Askja caldera (Central Iceland).	Joël Ruch & Nicolas Oestreicher	Marc-Henri Derron

**15 :35**

Helder Antonio Silva Peixoto (UNIGE)

Web GIS Application for Natural Hazards Risk Assessment based on incomplete data

Michel Jaboyedoff

Marc-Henri Derron

**16 :10**

*Teachers meeting on zoom and in the room*

The defenses will be following by an APERO