

Public defense of Master's thesis in Earth sciences

Monday and Tuesday the 26th and the 27th of June, 2023 – UNIL – Geopolis 1620

Monday the 26th of June 2023:

Hours	Student	Title	Supervisor	Rapporteur
10 :00	Sergio Medeiros (UNIL)	Petrological analyses and modelling the formation of olivine veins in serpentinites and peridotites in Erro-Tobbio (Voltri Massif, Italy).	Stefan Schmalholz and Othmar Müntener	Guy Simpson
10 :35	Luis Krampert (UNIGE)	Texture, composition, alteration and mineralization styles in the Permo-Triassic Pampa Elvira plutonic complex and the Eocene porphyry intrusions at the Gaby porphyry copper deposit, Chile, with special focus on drill hole DGS-1587	Kalin Kouzmanov	Massimo Chiaradia
11 :10	Franscesca Nicole Del Rio Lagunas (UNIGE)	Geochemical fertility tools applied to porphyry copper deposits - a case study approach: Chachimbiro Volcanic Complex and Cerro Tolondro, Ecuador.	Massimo Chiaradia	Kalin Kouzmanov
11 :45	Lunch			
13 :00	Jonathan Pople (UNIL)	Epibionts and trace fossils on stem- and crown-group euarthropod carapaces from the Early Ordovician Fezouata Shale	Allison Daley	Thierry Adatte

13 :35 Sylvain Köhli (UNIL) Study of the potential of analog models for landslide generated tsunami analysis - Case study for Lake Geneva, Switzerland Marc-Henri Derron Michel Jaboyedoff

14 :10 Karen Nicollet (UNIGE) Seismic activity of the Northern Appennines Hinterland, Italy Matteo Lupi Michailos Konstantinos

14 :45 *Teachers meeting on zoom and in the room*

Tuesday the 27th of June 2023:

Hours	Student	Title	Supervisor	Rapporteur
10 :00	Isabelle Beney (UNIGE)	Experimental assessment of the effect of particle size on volcanic ash leaching potential - a case study: Cumbre Vieja (2021)	Thomas Sheldrake and SebastianFlöter	Lucia Dominguez
10 :35	Amaury Champion (UNIGE)	Seismic study of the Vuache Fault, deployment of a local seismic network, structural study and triggering mechanism of earthquake	Matteo Lupi and Joël Ruch	Jean-Luc Got and Geneviève Savard
11 :10	Célia Barat (UNIGE)	Deployment of dense nodal network during unrest: investigation of the Vulcano-Lipari System (Italy) with Local Earthquake Tomography	Matteo Lupi et Joël Ruch	Sébastien Pilet et Geneviève Savard
11 :45	Lunch			
13 :00	Julien Sfalcin (UNIGE)	"3D Deep Electrical Resistivity Tomography Investigation of Calamita Fe-Skarn Deposit: Exploring the Subsurface and Assessing the Contribution of Country Rock to Mineralization"	Kalin Kouzmanov, Matteo Lupi, Dini Andrea and Gianfranco Morelli	James Irving and Antoine De Haller
13 :35	Damian Braize (UNIGE)	Combining 3D Deep Electrical Resistivity Tomography, vein mineralogy, and stable isotope analysis on the Calamita Fe-Skarn deposit, Italy: unraveling the geological structure and the regional hydrothermal fluid circulation	Matteo Lupi, Kalin Kouzmanov, Dini Andrea and Gianfranco Morelli	James Irving and Zoltan Zajacz
14 :10	Break			

14 :30	Camille Pastore (UNIGE)	Tracing the evolution of the architecture of the plumbing system during the 2021 Tajogaite eruption, La Palma, Spain	Luca Caricchi and Costanza Bonadonna	Massimo Chiaradia
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15 :05	Benoît Goudard (UNIGE)	Multidisciplinary Investigation of the Pre-Eruption Dynamics of Mount Sinabung (Indonesia) and its Possible Links with the 2005 Nias Earthquake	Matteo Lupi, Luca Caricchi and Tàrsilo Girona	Joël Ruch
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15 :40 *Teachers meeting on zoom and in the room*

The defenses will be following by an APERO