



DPMS Fall Day 2017 – Friday 20.10.2017

University of Bern (Institut für Geologie, Baltzerstrasse 3)

Conference room: Studer Auditorium, room 235, 2nd floor

9h45 – 10h15: Coffee and croissants

10h15 – 10h30: Stefan Schmalholz (UNIL)
President's Address

10h30 - 10h45: Stefano Gialli (UNIGE)
Structural control of the world class Sn district of San Rafael, Peru.

10h45 – 11h00: Vénice Akker (UNIBE)
Porosity estimates of slates – a new workflow.

11h00 – 11h15: Elias Kemp (UNIBE)
Water incorporation into metamorphic olivine at high pressures in the Zermatt-Saas serpentinites.

11h15 – 11h30: Alessandro Maltese (UNIBE)
Investigating Earth's Crust-Mantle Evolution with Isotopes: Principles, Robustness, and Caveats in the Context of Rocks from the Bastar Craton, India.

11h30 – 11h45: Emmanuelle Ricchi (UNIGE)
Th-U-Pb cleft monazite crystallization ages linked to exhumation history and shear zone activity in the Tauern Window.

11h45 – 12h00: Lorenzo Candioti (UNIL)
Orogenic wedge formation starting from hyper-extended passive margins: a self-consistent modelling study with application to the Western Alps.

12h00 – 13h00: Lunch and committee meeting

13h00 – 13h15: Jonas Pape (UNIBE)
In-situ ²⁶Al-²⁶Mg dating of single chondrules by SIMS.

13h15 – 13h30: Alexandra Demers-Roberge (UNIL)
Austral Patagonia Peridotites: Sampling overview and preliminary results of water budget.

13h30 – 13h45: Aaron Hantsche (UNIGE)
Tertiary magmatism in the Central Rhodopes: Implications for distal skarn formation and Pb-Zn mineralization in the Madan ore field, Bulgaria.



13h45 – 14h00: Gregor Weber (UNIGE)

Crystal records of magmatic processes preceding Plinian eruptions from Nevado de Toluca volcano (Mexico).

14h00 – 14h15: Joaquin Bastias (UNIGE)

The tectonic evolution of the Antarctic Peninsula Batholith from the Triassic to the Miocene: insights from U-Pb and Ar/Ar geochronology, geochemistry and isotopic tracing.

14h15 – 14h45: **Coffee break**

14h45 – 15h00: Arnaud Devoir (UNIL)

Monitoring lower crust crystallisation: local scale interaction between igneous rocks and metasedimentary septa, Ivrea Mafic Complex.

15h00 – 15h15: Adam Curry (UNIGE)

Four large, rapid-sequence ignimbrites in the San Juan volcanic field, Colorado, USA: insights from cross correlation.

15h15 – 15h30: Dipankar Pathak (UNIBE)

Tin isotopes and the origin of planetary materials.

15h30 – 15h45: Matthew Edwards (UNIGE)

Shallow controlling factors on the explosivity of the May 2016 Etna eruption.

15h45 – 16h00: Daniil Popov (UNIGE)

Influence of petrological environment, geometry and parent isotopes zonation on Pb loss from apatite.

From 16h00: **APERO**