

## 4<sup>th</sup> SwissDrilling Day – October 4<sup>th</sup>, Bern, Haus der Universität

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9h00-9h25: *Coffee, Tea and Gipfeli*

### WELCOME

9h25-9h30: **SwissDrilling:** Miriam Andres & Flavio Anselmetti

### Alpine Drilling: THE BEDRETTO LAB

9h30-9h50: **The Bedretto Reservoir Project - a testbed for geothermal reservoir engineering.** Marian Hertrich and the Bedretto Team

### Drilling the Ocean Floor: IODP –

#### IODP Projects I:

9h50-10h00: **Overview and future of ECORD in the international ocean drilling program (IODP).** Gretchen Früh-Green, ETH Zürich

10h00-10h15: **Going South: A Southern Ocean perspective on the Mid-Pleistocene Transition (MPT).** Sam Jaccard, Univ. of Bern

10h15-10h30: **Going Deep: Controls on organic acid compositions and microbial activity in serpentinite mud volcanoes"** Mark Lever, ETH Zürich

10h30-10h45: **Going Salty: The demise of a salt giant: Climatic-environmental transition during the terminal Messinian Salinity Crisis.** Judith McKenzie, ETH Zürich

10h45-11h15 *Coffee & Tea break*

### Drilling the continents: ICDP –

#### ICDP Projects I:

11h15-11:30: **Oman Drilling Project: Overview – highlights – outlook.** Gretchen Früh-Green, ETH Zürich

11h30-11:45: **Mantle Rocks to Power Life - The Oman Drilling Project from a microbiological perspective.** Clemens Glombitza, ETH Zürich

11h45-11h55: **Lake Nam Co (Tibetan Plateau) & Lake Tanganyika updates.** Hendrik Vogel, Univ. of Bern

11h55-12h10: **Mediterranean rainfall variability and its phase relationship with the African monsoon – A 1.36-million-year record from Lake Ohrid (N Macedonia & Albania).** Hendrik Vogel, Univ. of Bern.

12h10-12:20: **ICDP: overview, update and outlook.** Flavio Anselmetti, Univ. of Bern

*12h25-13h30: Lunch*

### **ICDP Projects II:**

13h30-13h45: **Increased sedimentation following the Neolithic Revolution in the Southern Levant.** Nicolas Waldmann, Univ. of Haifa

13h45-14h00: **The Lake Towuti Drilling Project: Unravelling tropical ecosystem changes during the past ~1 million years.** Marina Morlock, Uni. of Bern

14h00-14h15: **Extending back to 430 ka the tephra and paleoenvironmental record of the Central Mediterranean area: A report from a new drilling from Fucino Basin, central Italy.** Daniel Ariztegui, Univ. of Geneva

14h15-14h30: **The BASE project : Barberton Archean Surface Environments : Probing the Moodies Group, Barberton Greenstone Belt South Africa.** Johanna Marin Carbonne, Univ. of Lausanne

14h30-14h45: **Drilling into seismogenic zones in deep South African gold mines (DSeis).** Martin Ziegler, ETH Zürich

*14h45-15h15 Coffee and Tea break*

### **Drilling the Swiss Foreland**

15h15-15h30: **What happened to date in Bülach: NAGRA deep drillholes, background and first results.** Michael Gysi, NAGRA

15h30-15h45: **Drilling glacial overdeepenings: Nagra Quaternary drillholes and ICDP DOVE program.** Marius Büchi, Univ. of Bern

### **IODP Project II:**

15h45-16h00: **Iceberg Alley: Synopsis and Initial Results of IODP Exp. 382.** Iván Hernández Almeida, ETH Zürich

**ICDP Projects III:**

16h00-16h15: **DIVE Update.** Othmar Müntener, Uni. of Lausanne

**Drilling Talk:**

16:15-16:30: **Open Floor- Open Mic** for any remaining discussion.

*16h30-17h30 Aperitif Bar*