

## 2<sup>nd</sup> SwissDrilling Day – September 9, University of Bern

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9h00-9h30: Coffee and Gipfeli

9h30: **WELCOME**

Mareike Trauerstein, Flavio Anselmetti, Univ. of Bern

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9h45: **NEWS FROM THE INTERNATIONAL DRILLING PROGRAMS**

IODP ECORD/ESSAC: recent projects, news and developments: Julia Gutierrez Pastor, Gretchen Früh-Green, ESSAC Office, ETH Zürich

ICDP: recent projects, news and developments: Flavio Anselmetti, Univ. of Bern

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10h15: **ONGOING 'SWISSDRILLING' PROJECTS**

### ***Earth dynamics and hazards***

Exp. 351 Izu-Bonin-Mariana Arc Origins: lithostratigraphy and first insights into subduction initiation processes: Anders McCarthy, Univ. of Lausanne

Multidisciplinary approach to stress field reconstruction in high-grade metamorphic rocks of Central Scandinavia: Quinn Wenning, ETH Zürich

Climate forcing on submarine landslides at Nankai trough subduction zone: Katrina Kremer, ETH Zürich

11h00-11h30: Coffee

### ***Paleoclimate and paleoceanography***

The Lake Towuti Drilling Project: A New, ~1-Million Year Paleorecord from the Indo-Pacific: Hendrik Vogel, Univ. of Bern

The Lake Ohrid Drilling Project: Integrated perspectives on ~1.2 Million Years of geological and biological dynamics in Europe's oldest lake: Hendrik Vogel, Univ. of Bern

Sensitivity of East Asian Winter Monsoon to changes in sea surface temperature and productivity in the South China Sea on millennial time scales: Ivan Hernandez Almeida, University of Bern

12h15-13h45: Lunch

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13h45:           **FUTURE 'SWISSDRILLING' PROJECTS**

***Paleoclimate and paleoceanography***

Overdeepened Alpine valleys: Flavio Anselmetti, Univ. of Bern

The Lake Chad Deep Drilling Project (CHADRILL): A Rosetta Stone for the last 10 million years of environmental and climatic changes in north-central Africa: Hendrik Vogel, Univ. of Bern

***Biosphere frontiers***

Serpentinization and Life: Drilling the Atlantis Massif, IODP Exp. 357: Gretchen Früh-Green, ETH Zürich

Drilling Messinian Salt Complex beneath the Mediterranean Sea: DREAM Update: Judith McKenzie, ETH Zürich

The Argentine Passive Volcanic Continental Margin: Basin Evolution, Deep Biosphere, Sediment Dynamics and Ocean Evolution: Daniel Ariztegui, Univ. of Geneva (presented by Flavio Anselmetti)

Colônia Sediment Archive Drilling Project (QUE COISA), Brazil: Daniel Ariztegui, Univ. of Geneva (presented by Flavio Anselmetti)

***Earth dynamics***

Ivrea Zone: Drilling into the lower continental crust and upper mantle: Othmar Münthener, Univ. of Lausanne

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*Coffee and Cake*

15h00:           **OPEN FORUM: NEW IDEAS OF DRILLING AND  
COLLABORATION**