3rd PALEOVAN Post Drill Science Meeting

November 1-2, 2012
Steinmann Institute for Geology, Paleontology and Mineralogy
Nussallee 8
53115 Bonn

Participants
Flavio Anselmetti
Henrike Baumgarten
Namik Çağatay
Deniz Cukur
Kaspar Gäggeler
Clemens Glombitza
Georg Heumann
Jens Kallmeyer
Rolf Kipfer
Sebastian Krastel
Ola Kwiecien
Thomas Litt
Martin Mager
Nadine Pickarski
Marie-Ève Randlet
Hans-Ulrich Schmincke
Mari Sumita
Mona Stockhecke
Yama Tomonaga
Luigi Vigliotti
Tina Wollschläger
Thomas Wonik
Preliminary program

Thursday, November 1st (14:00)
Lecture room 24 (Steinmann-Institute, Nussallee 8)

1 Welcome

Thomas Litt
Aims and structure of the 3rd PALEOVAN Post Drill Science Meeting 2012

2 Seismic & Paleomagnetic Investigations

Deniz Cukur
Seismic stratigraphy of Lake Van, Eastern Turkey: Tectonic, volcanic, and paleoclimatic implications

Henrike Baumgarten
Downhole logging at Ahlat Ridge: improved cluster analysis and physical properties of lithological units

Luigi Vigliotti
Magnetic Characterization of the Lake Van Sediments

Coffee Break (15:30 – 16:00)

3 Lithology and Stratigraphy

Mona Stockhecke
News from the lithological perspective and paleohydrological and paleoenvironmental implications

Namık Çağatay
Northern Basin: Radiocarbon, Stable Isotopes, TOC-TIC and XRF Data

Nadine Pickarski
Pollen analyses of the last 130,000 years

Thomas Litt
Pollen and isotopes of the older glacial-interglacial cycles

Ola Kwiecien
Ostracods in Lake Van - one more wiggle curve or a new tool in paleoenvironmental reconstruction?

Dinner at Gasthaus Nolden (19h30)

http://www.gasthaus-nolden.de/
Friday, November 2nd (9:00)
Seminar room 108 (Steinmann-Institute, Nussallee 8)

4 Terraces, Volcanism and Noble Gases

Martin Mager
Formation of the quaternary terraces at Lake Van

Hans-Ulrich Schmincke / Mari Sumita
Compositional and temporal evolution of tephra with implications for climate and lake level changes

Yama Tomonaga
Noble gases in Lake Van, quo vadis?

Coffee Break (10:30 – 11:00)

4 Microbiology and Biomarkers

Jens Kallmeyer
Microbial abundance in Lake Van sediments and sulfate reduction influenced by dissolved organic matter quality

Clemens Glombitza
Contribution to pore water chemistry discussion – a simplified calculation of total alkalinity from measured anion concentrations

Marie-Ève Randlet
Precipitation / evaporation ratios change during MIS 5 and DO events: indications from biomarkers deltaD and porewater salinity

5 Final Discussion (12:30 – 13:30)