Program

El’gygytgyn Lake Workshop
- Drilling Results and Analytical Perspectives -
May 21 and 22, 2010, Cologne, Germany

Thursday, May 20, 2010
18:00 Icebreaker (Institute of Geology and Mineralogy)

Friday, May 21, 2010
9:00 Inspection of lab facilities and opened cores or
guided tour to the “Barbara Gallery”

11:00 Introduction and Summary of Drilling Campaign – Chair: Martin Melles
- Welcome, workshop intentions and program (Martin Melles)
- Introduction of Participants
- Review of drilling and camp logistics (Pavel Minyuk)
- Drilling operation and results (Julie Brigham-Grette)
- On-site core handling, down-hole and whole-core logging (Anders Noren)

12:30 Lunch Break (in the University Canteen)

13:30 Core Processing – Chair: Pavel Minyuk
- Permafrost core D3 (Georg Schwamborn)
- Impact core D1 (Ulli Raschke)
- Lake core D1 (Volker Wennrich)
- Data management (Ronald Conze)
- Data visualization (Josh Reed)

15:00 Coffee Break

15:30 Initial Results – Chair: Julie Brigham-Grette
- Permafrost core D3 (Georg Schwamborn)
- Paleomagnetic on lake core D1 (Eeva Haltia-Hovi, Norbert Nowaczyk)
- Palynological data from the lower part of D1 (Andrej Andreev)
- Lithology and inorganic geochemistry upper 90 m of D1 (Volker Wennrich)
- Long-term trends in sediment composition in core D1 (Jens Karls)
- Diatoms in core Lz1024 (Jeff Snyder)
- Initial high-resolution results from MIS 5 to 7 of core D1 (Pavel Minyuk)
- Arctic paleoclimate modeling results and Lake E (Rob Deconto)

18:00 Poster Session
In the Foyer of the Lecture Room

19:00 Dinner
(Institute of Geology and Mineralogy)
**Saturday, May 22, 2010**

9:00 **Analytical Expectations for Science & Publications** – *Chair: Martin Melles*
- Community data, analytical assignments and publications (Martin Melles)
- Science driven goals and team development (Julie Brigham-Grette)
- Resulting expectations for the breakout groups

9:30 **Coffee Break**

10:00 **Breakout Groups on Scientific Work**
*facilitators in brackets*
- Permafrost (Hans Hubberten / Georg Schwamborn)
- Geochronology (Norbert Nowaczyk)
- Biological proxies (Steve Petsch)
- Geochemistry (Volker Wennrich)
- Sedimentology and Mineralogy (Julie Brigham-Grette)
- Modeling (Rob Deconto)
- New/different groups (?)

11:30 **Plenary Discussions** – *Chair: Julie Brigham-Grette*
- Reports from the breakout groups
- Adjustment of analytical methods
- Sample priorities and schedule of analyses

13:00 **Lunch Break (in the University Canteen)**

14:00 **Publications and Public Outreach** – *Chair: Pavel Minyuk*
- Public relations and outreach (Friederike Schürhoff-Goeters & Tim Martin)
- Publication policy and publication plans (Martin Melles)
- Resulting expectations for the breakout groups

14:30 **Breakout Groups on Publication Plans**
*facilitators in brackets*
- Permafrost (Hans Hubberten / Georg Schwamborn)
- Geochronology (Norbert Nowaczyk)
- Biological proxies (Steve Petsch)
- Geochemistry (Volker Wennrich)
- Sedimentology and Mineralogy (Julie Brigham-Grette)
- Modeling (Rob Deconto)
- New/different groups (?)

15:30 **Coffee Break**

16:00 **Wrap-up Discussions Publications and Workshop** – *Chair: Martin Melles*
- Publication plans
- Outline of next steps
- Workshop decisions

*Expected end: 17:30*

19:00 **Dinner**
*(Restaurant downtown – on own costs)*

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