

NEEM SC MEETING - Copenhagen, November 8-9-10, 2011



Videnskabernes Selskab - The Royal Danish Academy

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PROGRAMME

TUESDAY, 08.11.11	WEDNESDAY, 09.11.11	THURSDAY, 10.11.11
08:30 – 09:00 Registration		
09:00 – 10:30 CONSORTIA MEETINGS: - Gas - Aerosol - Geophysical - Basal	09:00 – 10:15 CONSORTIA MEETINGS: - Gas - Aerosol - Borehole logging - Stable Water Isotopes	09:00 – 16:00 STEERING COMMITTEE MEETING See Agenda below
10:30 – 11:00 Coffee/tea break on top floor	10:15 – 10:45 Coffee/tea break on top floor	10:30 – 11:00 Coffee/tea break on top floor
11:00 – 13:00 CONSORTIA MEETINGS: - Gas - Aerosol - Geophysical - Basal	10:45 – 12:00 CONSORTIA MEETINGS: - Gas - Aerosol - Borehole logging - Stable Water Isotopes	11:00 – 13:00 STEERING COMMITTEE MEETING See Agenda below
13:00 – 13:45 Lunch on top floor	12:00 – 13:00 Lunch on top floor	13 – 13:45 Lunch on top floor
13:45 – 15:15 CONSORTIA MEETINGS: - Gas - Biology - Modelling - Stable Water Isotopes	13:00 – 15:00 NEEM SCIENTIFIC SYMPOSIUM See program below	13:45 – 16:00 STEERING COMMITTEE MEETING See Agenda below
15:15 – 15:45 Coffee/tea & fruit break on top floor	15:00 – 15:30 Coffee/tea & fruit break on top floor	
15:45 – 18:00 CONSORTIA MEETINGS: - Gas - Biology - Modelling - Stable Water Isotopes	15:30 – 18:00 NEEM SCIENTIFIC SYMPOSIUM See program below	

FIRST SESSION	Chairs:
13:00-13:25	Matthias Bigler, Bern CFA team and AC consortium: Measurements of aerosol constituents on the NEEM ice core – current status.
13:25-13:50	Christine S. Hvidberg, Lars .B. Larsen, Susanne L. Buchardt, Dorte Dahl-Jensen. Ice flow and mass balance at the NEEM deep drilling site, North Greenland.
13:50-14:15	Matthias Baumgartner, Adrian Schilt, and Neem Gas Consortium: CH₄ and N₂O concentrations from the deepest part of the NEEM ice core: affected by artifacts?
14:15-14:40	Bo M. Vinther, on behalf of the stable isotope consortium NEEM water isotopes – results and first interpretations.
14:40-15:05	Siwan M. Davis, Peter M. Abbott, Matthias Bigler, Eliza Cook, Valerie Hall, Sigfus, J. Johnsen, Eva Lind, Jon Pilcher, Anders Svensson, Jørgen Peder Steffensen, Inger K. Seierstad, Stefan Wastergård: Tephrochronological Investigations of the NEEM Ice Core.
15:05-15:30	Coffee and Tea Break
SECOND SESSION	Chairs:
15:30-15:55	Hans Christian Steen-Hansen: Atmospheric water vapor monitoring above the Greenland Ice Sheet
15:55-16:20	Jérôme Chappellaz for the NEEM-Reno measurement team: Continuous measurements of methane and carbon monoxide along the NEEM S1 core: preliminary observations
16:20-16:45	Dorte Dahl-Jensen, Jim White and the NEEM team: The NEEM EEM
16:45-17:10	Trevor Popp, Steffen Bo Hansen and Sigfus Johnsen: Replicate- and rock drilling at NEEM 2011
17:10-17:35	Kumiko Goto-Azuma, Anna Wegner, Margareta Hansson, Motohiro Hirabayashi, Birthe Twarloh, Takayuki Kuramoto, Takayuki Miyake, Hideaki Motoyama and the NEEM Aerosol Consortium members Variations of ion concentrations in the NEEM deep core and surface snow
17:35-18:00	Jun Uetake, Kumiko Goto-Azuma, Takayuki Kuramoto, Motohiro Hirabayashi, Takayuki Miyake and Hideaki Motoyama: Seasonal variation of bacteria from surface snow pit at NEEM, Greenland

18:00-19:00	POSTER SESSION
	Susanne Lilja Buchardt: NEEM modelled strain
	Oleg Rybak, Philippe Huybrechts and Johannes Furst : 'Model-derived chronology, ice thinning and non-climatic biases for the NEEM ice core
	Hans Christian Steen-Larsen: Stable water isotopes on time scales from hours to decades at the deep drilling site in NW Greenland - NEEM
	T. Blunier, J. Chappellaz, S. Schüpbach, C. Stowasser, E. Brook, J. Rosen, R. Dallmayr, O. Pascual, M. Bigler, D. Leuenberger: Continuous Methane Concentration Measurements along the NEEM Core
	Kaitlin Keegan, Mary Albert, Ian Baker, J. McConnell NEEM Firn Ice Layers

NEEM Steering Committee Meeting, Thursday, November 10, 2011

The Royal Danish Academy, H.C. Andersens Boulevard 35

Agenda

09:00 – 09:15 Welcome and short status of NEEM

09:15 – 09:45 NEEM Financial report

09:45 – 10:30 Reports from 2011 field season and a short outline of a possible 2012 season

Logistics

Drilling

Outline of a possible 2012 season

10:30 – 11:00 Coffee break

11:00 – 13:00 Short reports from the consortias (publications, 2012 season, issues that the consortia would like to have approved as NEEM decisions)

15 min: Stable isotopes of ice

15 min: Gas incl. gas isotopes

15 min: Aerosols (dust, chemistry, tephra, cosmogenic nucleides)

30 min: Biology and basal ice

10 min: Geophysical Survey (Weather, GPS, Seismic)

10 min: Borehole data

10 min: Modelling

15 min: Dating, Physical properties, Drilling

(more time can be found if needed)

13:00 – 13:45 Lunch

13:45 – 14:15 Logistic plans for the NEEM project 2012

Lay out of the next field season

Time line (flights to NEEM)

14:15 – 14:45 NEEM 2012 manning plans

14:45 – 15:30 Associated programs 2012

15:30 – 16:00 NEEM future, publications

16:00 End of Steering Committee meeting at the Royal Academy.