

ICLEA Final Symposium 2017

Program Overview

Venue: GFZ German Research Centre for Geosciences

Address: Albert Einstein Science Park, Telegrafenberg Haus H, Potsdam (Germany)

Wednesday June 7, 2017

8:15 – 8:45 **Registration, Poster Installation & Welcome Coffee**

8:45 – 9:05	Opening / Welcome Notes
8:45 – 8:50	Michael Kühn Chair of the Scientific Council, GFZ German Research Centre for Geosciences
8:50 – 8:55	Paweł Rowiński Vice-President, Polish Academy of Sciences (PAS)
8:55 – 9:00	Marek Degórski Director Institute of Geography and Spatial Organization (IGSO PAS)
9:00 – 9:05	Andreas Schulze Initiative and Networking Fund, Helmholtz Association
9:05 – 9:50	Introduction Talks
9:05 – 9:30	Achim Brauer (GFZ) ICLEA after five varves - 5 years of interdisciplinary German – Polish research
9:30 – 9:50	Mirosław Błaszkiwicz (IGSO PAS) Timing of formation of postglacial lakes within the limit of the Last Glaciation in Poland
9:50 – 10:40	Session 1 <i>Abrupt and High Frequency Climate Variability since the Last Glaciation</i>
9:50 – 10:15	Kurt Nicolussi (University Innsbruck) Tree-ring analyses on Holocene climate variability in the Alps – from single years to millennia
10:15 – 10:40	Celia Martín-Puertas (Royal Holloway, University of London) Learning what varves tell us about Abrupt Holocene Climate Change
10:40 – 11:00 Coffee Break	
11:00 – 11:20	Leszek Marks (University of Warsaw) Last Glacial maximum and the following deglaciation in central Europe
11:20 – 11:40	Nadine Dräger & Florian Ott (GFZ / MPI SHH Jena) A high resolution comparison of varve formation and preservation in Lakes Tiefer See and J. Czechowskie during the last 6000 years
11:40 – 13:00	Poster Session for all Sessions
Authors Session 1 and Session 2 in Attendance	
13:00 - 14:00 Lunch break	
14:00 – 15:50	Session 2 <i>Recent change and instrumental observations</i>
14:00 – 14:25	Mark Gessner (IGB Leibniz-Institute of Freshwater Ecology and Inland Fisheries) Observational and experimental evidence revealing strong protracted consequences of extreme weather events on lakes
14:25 – 15:00	Nadav Lensky (GSI Geological Survey of Israel) Seasonality and depth control over halite deposition: In situ observations from the Dead Sea and implications to the formation of thick halite sequences
15:00 – 15:20	Iris Heine (GFZ) Monitoring of Calcite Precipitation in Hardwater Lakes with Multi-Spectral Remote Sensing Archives
15:20 – 15:40	Theresa Blume & Ingo Heinrich (GFZ) Soil water availability, tree water uptake and information storage in tree rings
15:40 – 16:30	Poster Session for all Sessions
Authors Session 3 and Session 4 in Attendance	

ICLEA Final Symposium 2017

16:30 – 18:30	Session 3: Integrating time-scales and regional synchronisation
16:30 – 16:55	Wojciech Tylmann (University of Gdańsk) Combining limnology and paleolimnology to track the variability of modern and past sediment fluxes: A perspective from varved lakes in northeastern Poland
16:55 – 17:20	Jérôme Kaiser (Leibniz Institute for Baltic Sea Research – Warnemünde IOW) BaltRap – from environmental monitoring to paleoenvironmental reconstructions
17:20 – 17:40	Sabine Wulf (GFZ / University Heidelberg) Tephrostratigraphies of ICLEA varved lake records from NE Germany and N central Poland: an overview
17:40 – 18:00	Florian Ott & Nadine Dräger (MPI SHH Jena / GFZ) Deciphering varve formation in Lake Czechowskie (N Poland) and Lake Tiefer See (NE Germany) through comprehensive lake monitoring
18:00 – 18:20	Allan Buras (TU München) Tree-growth divergence – a global phenomenon?
19:15 – 22:30	Ice breaker
Thursday June 8, 2017	
8:00-22:00	Day Excursion by Bus to Lusatia including Evening Get Together in the Spreewald region
Friday June 9, 2017	
8:15 – 8:30	Registration & Welcome Coffee
8:30 – 8:50	Leszek Starkel (Polish Academy of Sciences) The Polish – German cooperation in the palaeogeographic studies of the Holocene
8:50 – 10:30	Poster Session for all Sessions
	Authors in attendance
10:30 – 12:20	Session 4: Man - environment - climate interactions
10:30 – 11:10	Philip Gibbard (University of Cambridge) The Anthropocene; a formal stratigraphical unit, an informal concept, or an interval of Holocene time?
11:10 – 11:35	Jed O. Kaplan (University of Lausanne) Modeling global human-environment interactions in the preindustrial late Quaternary: What have we learned and what is the way forward?
11:35 – 11:55	Martin Theuerkauf (University Greifswald) Holocene Lake level fluctuations in NE-Germany – disentangling climate, vegetation and human drivers
11:55 – 12:15	Anna Schneider (BTU Cottbus-Senftenberg) Assessing the legacies of historical charcoal production in Brandenburg
12:15 – 12:35	Elisabeth Dietze (GFZ) Holocene fire regimes of the central European lowlands: man-vegetation-climate feedbacks
12:35 – 12:55	Michał Słowiński (IGSO PAS) Impact of Medieval road construction on landscape transformation during the last 700 years in N Poland
12:55 – 13:30	Final discussion & Closing remarks
13:30	Lunch