

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

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