



INTIMATE Colloquium 2024

Tuesday 7 May 2024

INTIMATE Colloquium 2024: INTIMATE Colloquium 2024 in honour of Achim Brauer - Hörsaal Haus H (13:00 - 18:15)

-Conveners: Rik Tjallingii; Dirk Sachse; Markus Schwab

time	[id] title	presenter
13:00	[3] Welcome by organisers	Dr TJALLINGII, Rik Dr SCHWAB, Markus Prof. SACHSE, Dirk
13:10	[9] Welcome and words from the GFZ Board	Dr SCHWARTZE, S.
13:25	[4] Laudatio	
13:40	[5] Varves from maar lakes of the West Eifel Volcanic Field	Prof. ZOLITSCHKA, Bernd
14:10	Break	
14:30	[8] Postglacial lake formation and permafrost evolution in the Central European Lowland	Prof. BŁASZKIEWICZ, Mirosław
14:50	[12] From the natural to the cultural landscape - the path of Central European landscape transformation	Prof. SŁOWIŃSKI, Michał
15:10	[6] Time-scale synchronizations of paleoclimate records from the southern Baltic realm and Black Sea	Dr CZYMZIK, Markus
15:40	Break	
16:00	[11] Precise correlation of climate records using tephra layers	Prof. LANE, Christine
16:30	[7] Reconstruction of North Atlantic atmospheric dynamics using annually-laminated sediment records	Dr MARTIN-PUERTAS, Celia
17:00	[10] Closing & Reception	

# Wednesday 8 May 2024

## INTIMATE Colloquium 2024: INTIMATE Colloquium 2024 - Hörsaal Haus H (09:00 - 17:35)

-Conveners: Dirk Sachse; Simon Blockley; Celia Martin-Puertas

time	[id] title	presenter
09:00	[13] Speleothems as windows into glacial times – Abrupt transitions and glacier evolution in the European Alps	SKIBA, Vanessa
09:30	[14] Constraining the influence of oceanographic and environmental conditions on the variability of Last Interglacial Mediterranean molecular proxy-based sea surface temperature reconstructions	Dr OBREHT, Igor
09:45	[15] Microscale Alkenone Heterogeneity and Replicability of Ultra-High-Resolution SST Proxies in Laminated Marine Sediments	VIOLA, Jannis
10:00	[16] Large-scale atmospheric circulation changes in the northern Mediterranean realm during the Younger Dryas: new insights from Lago Grande di Monticchio (Italy)	Dr BLANCHET, Cecile
10:15	[17] Proxy-model comparisons for palaeoclimate reconstructions	BOYALL, Laura
10:30	[18] The environmental setting of the Neolithic agricultural revolution	Dr BEN DOR, Yoav
10:45	Coffee & Posters 1	
11:45	[20] The identification of the Campanian Ignimbrite in the Dead Sea reveals time-transgressive hydroclimatic changes in the Mediterranean	Dr KEARNEY, Rebecca
12:00	[21] Refining high spatial resolution trace element analysis of single-grain vitreous tephra shards by LA-ICP-MS	ZHANG, Shuang
12:15	[22] Precise dating of the 8.2 kyr event provides evidence for global climate response	Dr ADOLPHI, Florian
12:30	[23] Bipolar volcanic ice-core synchronization of the entire last glacial period	Dr SVENSSON, Anders
12:45	[25] Authigenic $^{10}\text{Be}/^{9}\text{Be}$ -ratios in marine sediments during the Laschamps event and their use for dating of marine sediments	LOTFIELD, Julia
13:00	[26] A Holocene tephrostratigraphy of the continuously varved Arctic lake Nautajärvi, Finland	Dr CARTER-CHAMPION, Alice
13:15	Lunch Break	
14:15	[27] A tribute to Svante Björck - a great scientist, colleague and INTIMATE pioneer	Prof. MUSCHELER, Raimund
14:45	[37] Ecological responses recorded by varved sediments from Holzmaar (Germany) during the Homeric Climate Anomaly	Dr GARCIA, Lujan
15:00	[30] 10,800-year record of spring and summer temperature variability from biochemical varves, Lake Żabińskie, Poland	Dr ZANDER, Paul
15:15	[31] Varve formation at Strathcona Lake, Ellesmere Island, Canada	Prof. FRANCUS, Pierre
15:30	Coffee & Posters 2	
16:30	[32] Discussion & Closure	