

# **INTIMATE Colloquium 2024**

## **Report of Contributions**

Contribution ID: 3

Type: **not specified**

## Welcome by organisers

*Tuesday 7 May 2024 13:00 (10 minutes)*

**Presenters:** Dr TJALLINGII, Rik; Dr SCHWAB, Markus; Prof. SACHSE, Dirk (GFZ Potsdam)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 4

Type: **Oral**

## Laudatio

*Tuesday 7 May 2024 13:25 (15 minutes)*

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 5

Type: **Oral**

## **Varves from maar lakes of the West Eifel Volcanic Field**

*Tuesday 7 May 2024 13:40 (30 minutes)*

**Presenter:** Prof. ZOLITSCHKA, Bernd (University of Bremen, Institute of Geography, GEOPO-LAR)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 6

Type: **Oral**

## **Time-scale synchronizations of paleoclimate records from the southern Baltic realm and Black Sea**

*Tuesday 7 May 2024 15:10 (30 minutes)*

**Presenter:** Dr CZYMZIK, Markus (Leibniz-Institute for Baltic Sea Research, Department Marine Geology)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 7

Type: **Oral**

## **Reconstruction of North Atlantic atmospheric dynamics using annually-laminated sediment records**

*Tuesday 7 May 2024 16:30 (30 minutes)*

**Presenter:** Dr MARTIN-PUERTAS, Celia (Royal Holloway University of London, Centre for Quaternary Research)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 8

Type: **Oral**

## **Postglacial lake formation and permafrost evolution in the Central European Lowland**

*Tuesday 7 May 2024 14:30 (20 minutes)*

**Presenter:** Prof. BŁASZKIEWICZ, Mirosław (Polish Academy of Sciences, former head of the Department of Environmental Resources and Geohazards)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 9

Type: **not specified**

## Welcome and words from the GFZ Board

*Tuesday 7 May 2024 13:10 (15 minutes)*

**Presenter:** Dr SCHWARTZE, S. (GFZ Administrative Executive Board)

**Session Classification:** INTIMATE Colloquium 2024



Contribution ID: **10**

Type: **not specified**

## Closing & Reception

*Tuesday 7 May 2024 17:00 (1h 15m)*

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: **11**

Type: **Oral**

## **Precise correlation of climate records using tephra layers**

*Tuesday 7 May 2024 16:00 (30 minutes)*

**Presenter:** Prof. LANE, Christine (University of Cambridge, Department of Geography)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 12

Type: **Oral**

## **From the natural to the cultural landscape - the path of Central European landscape transformation**

*Tuesday 7 May 2024 14:50 (20 minutes)*

**Presenter:** Prof. SŁOWIŃSKI, Michał (Director Institute of Geography and Spatial Organization,  
Polish Academy of Sciences)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 13

Type: **not specified**

## **Speleothems as windows into glacial times –Abrupt transitions and glacier evolution in the European Alps**

*Wednesday 8 May 2024 09:00 (30 minutes)*

**Presenter:** SKIBA, Vanessa (AWI-Potsdam)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 14

Type: **Oral**

## **Constraining the influence of oceanographic and environmental conditions on the variability of Last Interglacial Mediterranean molecular proxy-based sea surface temperature reconstructions**

*Wednesday 8 May 2024 09:30 (15 minutes)*

**Presenter:** Dr OBREHT, Igor (MARUM, Bremen)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 15

Type: **not specified**

## **Microscale Alkenone Heterogeneity and Replicability of Ultra-High-Resolution SST Proxies in Laminated Marine Sediments**

*Wednesday 8 May 2024 09:45 (15 minutes)*

**Presenter:** VIOLA, Jannis (AWI-Potsdam)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 16

Type: **not specified**

# **Large-scale atmospheric circulation changes in the northern Mediterranean realm during the Younger Dryas: new insights from Lago Grande di Monticchio (Italy)**

*Wednesday 8 May 2024 10:00 (15 minutes)*

**Presenter:** Dr BLANCHET, Cecile (GFZ-Potsdam)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 17

Type: **not specified**

## **Proxy-model comparisons for palaeoclimate reconstructions**

*Wednesday 8 May 2024 10:15 (15 minutes)*

**Presenter:** BOYALL, Laura (Royal Holloway University of London)

**Session Classification:** INTIMATE Colloquium 2024



Contribution ID: **18**

Type: **not specified**

## **The environmental setting of the Neolithic agricultural revolution**

*Wednesday 8 May 2024 10:30 (15 minutes)*

**Presenter:** Dr BEN DOR, Yoav (Hebrew University)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 20

Type: **not specified**

# **The identification of the Campanian Ignimbrite in the Dead Sea reveals time-transgressive hydroclimatic changes in the Mediterranean**

*Wednesday 8 May 2024 11:45 (15 minutes)*

**Presenter:** Dr KEARNEY, Rebecca (GFZ-Potsdam)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 21

Type: **not specified**

## **Refining high spatial resolution trace element analysis of single-grain vitreous tephra shards by LA-ICP-MS**

*Wednesday 8 May 2024 12:00 (15 minutes)*

**Presenter:** ZHANG, Shuang

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 22

Type: **not specified**

## **Precise dating of the 8.2 kyr event provides evidence for global climate response**

*Wednesday 8 May 2024 12:15 (15 minutes)*

**Presenter:** Dr ADOLPHI, Florian (AWI-Bremerhaven)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 23

Type: **not specified**

## **Bipolar volcanic ice-core synchronization of the entire last glacial period**

*Wednesday 8 May 2024 12:30 (15 minutes)*

**Presenter:** Dr SVENSSON, Anders (Niels Bohr Institute / University of Copenhagen)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 25

Type: **not specified**

## **Authigenic $^{10}\text{Be}/^{9}\text{Be}$ -ratios in marine sediments during the Laschamps event and their use for dating of marine sediments**

*Wednesday 8 May 2024 12:45 (15 minutes)*

**Presenter:** LOTFIELD, Julia (AWI-Bremerhaven)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 26

Type: **not specified**

## **A Holocene tephrostratigraphy of the continuously varved Arctic lake Nautajärvi, Finland**

*Wednesday 8 May 2024 13:00 (15 minutes)*

**Presenter:** Dr CARTER-CHAMPION, Alice (Royal Holloway University of London)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 27

Type: **Oral**

## **A tribute to Svante Björck - a great scientist, colleague and INTIMATE pioneer**

*Wednesday 8 May 2024 14:15 (30 minutes)*

**Presenter:** Prof. MUSCHELER, Raimund (Lund University)

**Session Classification:** INTIMATE Colloquium 2024



Contribution ID: 30

Type: **not specified**

# **10,800-year record of spring and summer temperature variability from biochemical varves, Lake Żabińskie, Poland**

*Wednesday 8 May 2024 15:00 (15 minutes)*

**Presenter:** Dr ZANDER, Paul (Max Planck Institute for Chemistry, Mainz)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 31

Type: **not specified**

## **Varve formation at Strathcona Lake, Ellesmere Island, Canada**

*Wednesday 8 May 2024 15:15 (15 minutes)*

**Presenter:** Prof. FRANCUS, Pierre (Institut National de la Recherche Scentifique)

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: **32**

Type: **not specified**

## Discussion & Closure

*Wednesday 8 May 2024 16:30 (1 hour)*

**Session Classification:** INTIMATE Colloquium 2024

Contribution ID: 37

Type: **Oral**

## **Ecological responses recorded by varved sediments from Holzmaar (Germany) during the Homeric Climate Anomaly**

*Wednesday 8 May 2024 14:45 (15 minutes)*

**Presenter:** Dr GARCIA, Lujan (Bremen University)

**Session Classification:** INTIMATE Colloquium 2024