



**June 19, 2024** Senatssaal, 7<sup>th</sup> floor, Natural Sciences Complex

5 pm **Registration and Icebreaker Party**

**June 20, 2024** Senatssaal, 7<sup>th</sup> floor, Natural Sciences Complex

7:30 am **Registration**

8:30 am **Opening**

8:50-9:20 **Keynote**

**Prud'homme, C.:** Millennial-timescale quantitative estimates of climate dynamics in Central Europe from earthworm calcite granules in loess deposits.

**Oral Presentations** (15 min presentation, 5 min discussion)

9:20-9:40

**Lünsdorf, N.K. et al.:** Investigating centennial sedimentary provenance variations in a loess-paleosol sequence at high temporal resolution.

9:40-10:00

**Zeeden, C. et al.:** Reconstructing past environments and climate from Loess-Palaeosol Sequences: Discussing calibration functions and their application.

10:00-10:20

**Laag, C. et al.:** A Paleoprecipitation Record of the Last 800 ky Derived from the Suhia Kladenetz (Pleven, Bulgaria) Loess and Paleosol Sequence.

10:20-10:50

**Coffee Break**

10:50-11:10

**Mason, J.A. et al.:** Understanding Loess Landscape Evolution Using Loess Stratigraphy and Modeling.

11:10-11:30

**Schaetzl, R.:** Loess in the Great Lakes region of the US: Where it is and where it is not, ... and why.

11:30-11:50

**Kerr, P. and Walenceus, R.:** Evaluating the interaction of eolian and periglacial processes using a landscape-wide chronologic assemblage from The Iowan Erosion Surface.

11:50-12:10

**Sprafke, T.:** Loess in the rock-sediment-soil continuum – experiences from the humid tropics.

12:10-12:30

**Vandenberghe, J. et al.:** Palaeoclimatic and sedimentary evolution at the end of the last glacial in the coversand type region and the adjacent loess region in the Maas valley (Netherlands).

12:30-13:50

**Lunch Break**

13:50-14:10

**Hao, Q. et al.:** Unusual weakening trend of the East Asian winter monsoon during MIS 8 revealed by Chinese loess deposits and its implications for ice age dynamics.

14:10-14:30

**Rousseau, D.D. et al.:** Detection of abrupt changes in East Asian monsoon from Chinese loess records.

14:30-14:50

**Jary, Z. et al.:** Periglacial features in Last Glacial cold loess of Poland and western part of Ukraine.

14:50-15:10

**Mroczek, P. et al.:** Integrating local and regional environmental influences in the Middle Dnieper loess-palaeosol sequences: new insights into Pleistocene stratigraphy.

15:10-15:30

**Smalley, I.:** The INQUA Loess Commission: Four Presidents 1969-2003.

15:30-16:15

**Coffee Break**

16:15-17:00 **Keynote and Lecture Series** (Lecture Hall N3, "Muschel")

**Veres, D.:** The Danube loess: a high-resolution record of past environmental change in continental Europe.

17:00-19:00 **Poster session** (Senatssaal, 7<sup>th</sup> floor, Natural Sciences Complex)

**Poster Contributions** (A0, portrait format)

**Bogucki, A. and Tomeniuk, O.:** Periglacial loess of Ukraine as a multiproxy archive of global environmental changes in the Quaternary.

**Füllung, A. et al.:** The Late to Middle Pleistocene loess-palaeosol sequence of Köndringen, SW-Germany.

**Hambach, U. et al.:** Accretionary versus non-accretionary pedogenesis in western Eurasian loess-palaeosol sequences: The case of Walachian Steppe versus Rhine Valley loess.

**Horváth, E. et al.:** Combined assay method to determine the environmental significance of earthworm biospheroids in loess-paleosol series.

**István, M. et al.:** Research Opportunities of Phytolites Preserved in Loess-Paleosol Sequences: Examples from Süttő Loess-Paleosol Series (Hungary).

**Jordanova, D. et al.:** Local and site-specific factors, affecting variabilities in magnetic properties along loess paleosol profiles – case study at Kaolinovo quarries (NE Bulgaria).

**Kadereit, A. et al.:** Luminescence dating at the loess-palaeosol sections Baix and Collias in the Rhône Rift Valley, southern France, and chronostratigraphic implications.

**Krawczyk, M. et al.:** Climate change recorded in the granulometric properties and colour of the loess-soil sequence at Zaprežyn (Trzebnickie Hills).

**Laag, C. et al.:** Mid-Brunhes Climate Transition and millennial-timescale climate change preserved in a 800 kyrs loess-paleosol sequence from the Suhia Kladenetz quarry (Pleven, Bulgaria): a multidisciplinary study.

**Łanczont, M. et al.:** Loess landscapes as chronicles of past climates: a comprehensive paleogeographic study of the Dnieper Basin (Ukraine).

**Li, Y. et al.:** Precipitation changes since MIS3 in the Ili Basin, northern Central Asia, as inferred from the records of loess dolomite.

**Liu, X. et al.:** East Asian summer monsoon changes since 130 ka: organic carbon evidence from loess and lake record in the western Chinese Loess Plateau.

**Marković, S. et al.:** Reconstructing Interglacial Environments of the Pleistocene through Loess-Paleosol Sequences in the Southeastern Region of the Carpathian Basin.

**Meyer-Heintze, S. et al.:** Shallow buried soils in context to loess-like slope deposits and periglacial coverbeds in Central Europe – a transect through the low mountain range.

**Novothy, Á. et al.:** Age depth model and mass accumulation rates of the Süttő loess-paleosol sequence (MIS 6-2), Hungary.

**Shu, P.:** A drier westerly regime coexisted with strengthened rainfall extremes over Asian interior during the middle Holocene warmth.

**Radaković, M.G. et al.:** Červený Kopec (Czechia) and Veliki Surduk/Stari Slankamen (Serbia)- what do mollusks tell us about the environment in the last nine glacial-interglacial cycles?

**Skurzyński, J. et al.:** Polish Median Loess (PML) - new normalizing values for loess-focused multi-elemental analyses.

**Skurzyński, J. et al.:** Geochemistry (ICP) and mineralogy (QEMSCAN®) of the Late Glacial - Holocene inland dunes deposited and modified in different zones of the aeolian environment: Potentially quantitative implications for OSL dating.

**Song, Y. et al.:** Holocene dust activity record from aeolian loess in Uzbekistan.

**Walenceus, R.S. and Kerr, P.J.:** A new model for interaction of eolian and periglacial processes on a transport surface during the LGM.

**Wolf, D. et al.:** MIS 8 loess in central Spain?

**Zhang, Z.:** Millennial- and orbital-scale monsoon changes in East Asia from Chinese loess microcodium  $\delta^{18}\text{O}$ .

**19:30 Departure to Conference Dinner (in front of the Natural Sciences Complex).**