



Poster Presentations Program

Monday, August 7th, 16:45 – 18:00

Kang Xie: Quantifying Holocene relative sea-level changes and paleoclimate using the Scottish speleothem record

Imen Arfaoui: Stalagmite U/Th dating attempts and biocorrosion implication

Leah Travis-Taylor: Hydroclimate Variability of the Northern Caribbean during the Last Deglaciation: A High-Resolution Stalagmite Study

Xiyu Dong: Improving bipolar ice-core chronologies around the Heinrich Stadial 2

Filip Šarc: Dedolomite complex in Mravljetovo brezno v Gošarjevih rupah cave, central Slovenia

Evandro Assumpção: Geochemical monitoring of speleothems and drips in Lapa da Onça – Peruaçu River Valley

Khalil Azenoud: The spatio-temporal extent of the Green Sahara during the Last Glacial Period and implication for human dispersal: New insights from NW Africa

Carolina Moraes: Magnetic Anisotropy for Obtaining Relative Paleointensity in Speleothems

Miaomiao Wang: Spatio-temporal variation of stalagmite records of Heinrich events in the East Asian monsoon region during the last glacial

Hao Ding: Paleotemperature Reconstruction by Fluid Inclusion Microthermometry in Speleothems - Tropical West Pacific Land Temperature Change over Termination II

Laura Calabrò: A Late Holocene climatic record for the Southwestern USA based on perennial cave ice

Aniket Dhar: Speleothem-derived insights into hydroclimate changes over India over the past 500 years

Rui Zhang: Dual pathways of aragonite-to-calcite transformation in stalagmites: implications for paleoclimate reconstructions

Georgina Luti: Stratigraphy, Dating, and Palaeoclimatic Reconstruction of the Gondolin and Kromdraai Hominin Sites, South Africa

Priyantan Gupta: Indian summer monsoon variability in the core Indian monsoon zone and its teleconnection with the solar activity during mid-Holocene.

Rachana Subba: Understanding kinetic fractionation of cave carbonates in North-East India

Maria Jhonnie Villareal: Hydrogeological Characterization of a High-Discharge Coastal Freshwater Karst Spring System

Iva Palatinuš, Petra Bajo, Maja Briški, Vlatko Brčić: Investigating high-resolution palaeoclimate variability in South Central Europe by using speleothem record from Nova Grgosova cave, Croatia

Ana Entrena: Sedimentary deposits in Karstic cave (Cova Dets Ases, Mallorca, W-Mediterranean): Mineralogical and sedimentological characterization of the Clay-rich fraction



Tuesday, August 8th, 16:30 – 17:45:

Melissa M. Medina: Atlantic ITCZ variability during the Holocene based on high-resolution speleothem isotope records from northern Venezuela

Kesego P. Letshele, Yuval Burstyn, Cameroon B. de Wet, Isabel P. Montanez: Multi-paleothermometer reconstruction on a northern California speleothem using fluid inclusions and dual clumped isotopes.

Jennifer Klose: Precise determination of the timing and duration of Dansgaard-Oeschger events in Central Europe

Aaron Mielke: Exploring a new Central European site of paleoclimate reconstruction: First results from Erdmannshöhle (Southern Germany)

Ali Raza: Hyperspectral Imaging of Stalagmite - A case study of Anjokipoty Cave, NW Madagascar

Artur Stachnik, Mario Morellón, Javier Martín-Chivelet: Modeling of the response of cave and lake systems in the northern Iberian Peninsula to regional climate change and human activity

Leonardo Pasqualetto: Microthermometry on fluid inclusions in stalagmites: what does the retrograde homogenisation tell us?

Dildi: Reconstruction of the variability of Indian Summer Monsoon Rainfall using high-resolution multi-proxy records from speleothems of Meghalaya, north-east India

Alexandre Honiat: The subglacial speleothem archive

Andrea Molero Monsonis: Integrated study and modelling of Don Juan Cave (SE Spain)

Seminew Asrat Mogesie: $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ enamel isotope insights into the paleoecology of MSA foragers from Gotera, southern Ethiopia

Gulfam Hussain: Stalagmite record of Vietnam over the Dansgaard-Oeschger events and their paleoclimate implications

Aida Zyba: Linking Holocene regional hydroclimate and paleo-fire using a central-California speleothem record

Nathalia Stadler: Implications of the South Atlantic Convergence Zone activity since the Last Glacial Maximum for biodiversity in southeastern Bahia based on isotopic speleothems records

Samuel Piascik: Magnetically Enhanced Laminae in Speleothems as a Proxy for Extreme Hydrological Events

Gabriela Duarte: Cyclic subaerial and subaquatic speleothem deposition as paleowater table fluctuation in the Catão cave system, Central west Bahia state, Brazil

Angela Ampuero Grández: Reconstruction of Continental Surface Temperature based on Isotopic Analysis of Fluid Inclusion in speleothems from central eastern Brazil

Peter Chutcharavan: Constraints on late-Pleistocene sea-level change from submerged Bahamian speleothems

Belkasem Alkaryani: Sample SC-06-01 from the Askhaira cave: A window into the paleoclimate of Lybia

Skylar Hooler, Y.R. Singh, Aubrey Hillman, Mark Abbott, Bronwen Konecky: Forcings and Teleconnections of the Indian Summer Monsoon: A Multi-Archival Investigation