



TUESDAY 7th

		ROOM A		
Time start	Time end	session name	speaker	title
08:30	08:45	I-2-Bridging Traditional and Cutting-Edge Techniques in Paleoclimate and Paleoenvironmental Reconstruction	Tyler Jonathan	Centennial scale variability in the East Asian Monsoon during the last glacial period: a new oxygen isotope record from Lake Suigetsu, Japan
08:45	09:00		Laakkonen Aliisa	Evolution of diagenetic minerals in Nam Co, a high-altitude Tibetan lake
09:00	09:15		Gázquez-Sánchez Fernando	Paleo-hydrological reconstructions from gypsum hydration water in playa-lakes sediments: two case studies in the southern Iberian Peninsula
09:15	09:30		Latapy Cécile	Environmental magnetism to reconstruct fire severity around the Crau plain (southeastern France) during the Holocene
09:30	09:45		Subba Rohan	Leveraging paleoenvironmental reconstruction: An AI-based approach in proxy development
09:45	10:00		Bengt Christopher	Fundamental understanding of phosphate-oxygen isotope composition in lake paleorecords
10:00	10:15	Ecr award talk		
10:15	10:30	Ecr award talk		
10:30	10:45	COFFEE BREAK		
10:45	11:00	I-3-Method developments and applications of micrometer-scale geochemical imaging techniques on lake sediments	Zarczyński Maurycy	Lake productivity and mixing regime changes in Lake Gorzyńskie during the last 13,250 years: a new hyperspectral record from Western Poland
11:00	11:15		Cederström Jan Magne	Computed Tomography can reveal annual sedimentation rates in Lake Guynemere, Kerguelen Island
11:15	11:30		Martini Margherita	Geo_DECT: a new tool to visualize dual-energy CT data and study lacustrine sediments
11:30	11:45		Kury Milena	Fine particles investigation in lake sediments through a broadened Convolutional neural network training set with expanded Hyperspectral data
11:45	12:00	I-4-Organic geochemistry in lakes: recent methodological developments and ...	Bunin Elizabeth	Can fecal lipid biomarker records be used to identify periods of population pressure in Paleolithic societies? A case study from Late Pleistocene Paleolake Hula (northern Israel)
12:00	12:15		Mackay Helen	Evaluating lacustrine faecal steroid biomarkers as semi-quantitative proxies of reindeer and human population change in northern Finland
12:15	12:30		Tuccillo Mia	Sedimentary pigments reveal complex ecosystem responses of primary producers to mid-Holocene anoxia in a small low-Arctic Greenland lake
12:30	12:45			
12:45	13:00	LUNCH BREAK		
13:00	13:15	LUNCH BREAK		
13:15	13:30	LUNCH BREAK		
13:30	13:45	I-4-Organic geochemistry in lakes: recent methodological developments and applications in lacustrine environments	De Jonge Cindy	Holocene environmental change in Rotsee and its impact on sedimentary carbon storage
13:45	14:00		Abrook Ashley	Multi-proxy assessment of seasonal bias in temperature sensitive biomarker reconstructions across the Holocene
14:00	14:15		Ke Sai	Evaluation of 3-OH FAs and brGDGTs as paleoclimate proxies in lakes of the French Alps and southern Chile
14:15	14:30		Mateo Beneito Amanda	Modern distribution of GDGTs in the lake water and catchment soils of Černé lake, The Bohemian Forest: a contribution to paleoenvironmental reconstruction
14:30	14:45		Mayr Christoph	Overcoming pitfalls and challenges in oxygen isotope analysis of chironomid larval head capsules
14:45	15:00		Kong Sher-Rine	Sub-centennial scale hydroclimate change in northern Svalbard during the deglacial and Early Holocene from hydrogen isotopes of sedimentary plant waxes and algal lipids
15:00	15:15		Fernández Pérez María Eugenia	Hydroclimatic variability over the Last Millennium Revealed by δD_{wax} and $\delta^{13}C_{wax}$ in two Northwestern Iberian lakes
15:15	15:30		Giguet-Covex Charline	Integrating analyses of different plant sedaDNA fractions to enhance ecological and environmental insights
15:30	15:45	COFFEE BREAK		
15:45	16:00	COFFEE BREAK		
16:00	16:15	IV-2-How can modeling approaches help us to understand past, present and future lakes ?	Desgué Olivia	Integrating paleolimnology and modelling to reconstruct long-term hypoxia and lake-use-driven ecosystem changes in perialpine lakes
16:15	16:30		Jenny Jean-Philippe	Exploring multiscale lake processes through paleo-data and dynamic modeling: A Lake Geneva case study
16:30	16:45		Qin Bo	Combining paleolimnology and ecosystem modelling approach to quantify human impacts on lake regime shift
16:45	17:00		Kibblewhite Tom	Evaporative geochemical models: A simple tool for evaluating and reconstructing hydrologic budgets in modern and ancient lake systems
17:00	17:15		Storms Joep	Understanding Hydrodynamics and Sediment Transport in Data-Sparse Lakes Using Numerical Modelling: Insights from Lakes Hulun, Buir and Turkana
17:15	17:30		Chauveau Benoit	A Derivative of the Köppen-Geiger classification tailored for Numerical Modeling of the Lacustrine Ecosystems
17:30	17:45	Symposium guest talk		
17:45	18:00			
18:00	18:30	Poster session (I-3, I-4 and IV-2) + refreshments		
18:30	19:00			
19:00	19:30			

		ROOM B		
Time start	Time end	session name	speaker	title
08:30	08:40	IV-4-Hydrothermal and groundwater influences on lacustrine sedimentation and paleoecology: A tribute to Michael Rosen	Conveners	Tribute to Michael Rosen
08:40	08:50		Shaikh Rimam	Hydrothermal veins and organic-rich carbonate spring deposits in Lake Gosiute of the Eocene Green River Formation, Bridger Basin, Wyoming
08:50	09:00		Aritztegui Daniel	Groundwater flow rules fluid, Almicrobe, Almineral interactions in two Patagonian lacustrine basins
09:00	09:15		Owen Richard	Tectonic and magmatic controls on hydrothermal and meteoric waters in the South Kenya Rift
09:15	09:30		Renaut Robin	The role of hot springs in sedimentation in the Kenya Rift lakes
09:30	09:45		Scott Jennifer	Hydrothermal influence on Pliocene rift-lakes in Afar, Ethiopia and Baringo, Kenya: Evidence from the Hominin Sites and Paleolakes Drilling Project (HSPDP) drill-cores
09:45	10:00	VIII-1-Tectonics, climate, ...	Benavente Cecilia	Limnogeologic analysis of two Triassic rift lake basins in SW Gondwana
10:00	10:15	Ecr award talk		
10:15	10:30	Ecr award talk		
10:30	10:45	COFFEE BREAK		
10:45	11:00	COFFEE BREAK		
11:00	11:15	VIII-1-Tectonics, climate, ecology and geomorphology in rift lakes	Domingos Luz Leandro	Influence of the Indian Ocean Dipole and ENSO on Lake Tanganyika during the Common Era
11:15	11:30		Mglue Michael	Historical patterns of sedimentation in Nsumbu National Park (Zambia), Lake Tanganyika
11:30	11:45		Soreghan Michael	Time averaging of shell beds in Lake Tanganyika as a climate recorder and anthropogenic indicator
11:45	12:00		Dommain René	Hydrological connectivity of Kenya Rift Lakes as a driver of lake level fluctuations and biotic interchange during the African Humid Period
12:00	12:15		Poirier Perrine	Fluvio-lacustrine evolution of a rift axial system: example of the Lower Omo Valley (Turkana Depression, Ethiopia) over the past four million years
12:15	12:30		Scholz Christopher	Beyond the Drill Core: Assessing Interactions of Hydroclimate Variability and Extensional Processes Across the Lake Malawi (Nyasa) Rift, East Africa
12:30	12:45	LUNCH BREAK		
12:45	13:00	LUNCH BREAK		
13:00	13:15	LUNCH BREAK		
13:15	13:30	LUNCH BREAK		
13:30	13:45	VIII-1-Tectonics, climate, ecology and geomorphology in rift lakes	Qi Li	Source-to-sink coupling and Characteristics of sedimentary differential response for multi-episode rifting cycles in lacustrine rift basin
13:45	14:00		Mischke Steffen	The stable oxygen and carbon isotope record from 'Ubeidiya in the Dead Sea transform: early Pleistocene lake level and climate changes in the region
14:00	14:15	VIII-4-Lake Bourget and cousins: perialpine lakes as the cradles and future of limnogeology and paleolimnology	Chapron Emmanuel	Lake Bourget: one of our great P.A.L. (Peri Alpine Lake)
14:15	14:30		Arnaud Fabien	From climate to human shaping of the Earth critical zone: a quarter-century of geochemical investigation of Lake Bourget Holocene sediment
14:30	14:45		Aritztegui Daniel	Intracellular Amorphous Calcium Carbonate Inclusions in Microorganisms from Lake Geneva: A Novel Biomineralization Process with Geochemical and Limnogeological Implications
14:45	15:00		Jenny Jean-Philippe	Lake Bourget in the OLA Lake Observatory Network: A context for developing integrated approaches across multiple timescales
15:00	15:15	VIII-2-Mountain lakes from extreme environments	Cartier Rosine	Ecosystem responses of a French Mediterranean mountain lake to climate change and soil dynamics since the last deglaciation as inferred from bioindicators and geochemical proxies
15:15	15:30		Peng Jia	Diatom biodiversity dynamics and their relationship with carbon burial in mountainous lakes of central China during the past 200 years
15:30	15:45	COFFEE BREAK		
15:45	16:00	COFFEE BREAK		
16:00	16:15	VIII-2-Mountain lakes from extreme environments	Llodrà-Llabrés Joana	Subfossil pigments in a high-altitude lake (Sierra Nevada, Spain): tracking algal changes over 400 years and the unprecedented era we may be facing
16:15	16:30		Llodrà-Llabrés Joana	Exploring Holocene climatic and environmental dynamics in a Sierra Nevada's (Southern Spain) alpine lake: a diatom perspective
16:30	16:45		Damber Maja	Chironomid Assemblages as Indicators of Recent Environmental Change in Swiss Mountain Lakes
16:45	17:00		Rioual Patrick	Disentangling the effects of earthquakes and climate change on a 250-year diatom paleo-limnological record from the Yala Mountain region, southeastern Tibetan Plateau
17:00	17:15		Styllas Michael	Late Holocene flood and African dust deposition dynamics in the alpine critical zone of Greece: New insights from sedimentary records of the highest alpine lakes of Pindos Mountains
17:15	17:30		Hou Juzhi	Fundamental questions in paleolimnology and paleoclimatology on the Tibetan Plateau
17:30	17:45	Symposium guest talk		
17:45	18:00			
18:00	18:30	Poster session IV-4, VIII-1, VIII-4 and VIII-2) + refreshments		
18:30	19:00			
18:30	19:00			
19:00	19:30			



ROOM C				
Time start	Time end	session name	speaker	title
08:30	08:45	III-2-Using lake sediments to trace soil health and agricultural practices across watersheds	Kurek Josh	Connections between watersheds, sediments, and fish to understand legacy DDT pollution
08:45	09:00		Foucher Anthony	Ten years of land degradation in Mayotte: Evidence from sediment cores and eDNA reveal rapid erosion and ecosystem shifts (2011-2022)
09:00	09:15		Caballero Margarita	Recent human-induced ecological changes in a „Äüpristine,Äü Neotropical karst lake of southern Mexico
09:15	09:30	III-3-Reconstructing the impact of human activities on the environment	Gastineau Renaldo	Human-initiated autocyclic delta failures in Lake Brienz (Switzerland)
09:30	09:45		Blas Valero Garces	Looking for early human impacts on the Canary Islands: the lacustrine record
09:45	10:00		Rapuc William	Human and climate impacts on the alpine Critical Zone over the past 10,000 years
10:00	10:15	Ecr award talk		
10:15	10:30	Ecr award talk		
10:30	10:45	COFFEE BREAK		
10:45	11:00	COFFEE BREAK		
11:00	11:15	III-3-Reconstructing the impact of human activities on the environment	Mazure Théo	Quantifying soil erosion during the Holocene: contributions from the integration of modeling and lake sediment archives
11:15	11:30		Morlock Marina	High-mountain pastoralism influences wild mammal habitats in the Late Holocene
11:30	11:45		Schmidhauser Noé	Climate and human drivers: Reconstructing aquatic productivity and anoxia over the past 11 kyr BP in two neighboring lakes (Swiss Plateau)
11:45	12:00		Brisset Elodie	Paleohydrological reconstructions from lake and wetland sediment archives of southwest Asia, investigating the links between climate changes, land use and water management strategies
12:00	12:15		Shumilovskikh Lyudmila	Human impact on terrestrial and aquatic ecosystems in the mid-Kama region, cis-Urals (Russia)
12:15	12:30	LUNCH BREAK	Ricucci Cristina	Mid-to-late Holocene plant biodiversity and human influence within an Italian coastal wetland: insights from Lago di Burano pollen record (Tuscany)
12:30	12:45			
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13:30	13:45	III-3-Reconstructing the impact of human activities on the environment	Rodriguez-Zorro Paula	Late Holocene Paramo and Andean Forest dynamics inferred from Laguna Colorados, Colombia
13:45	14:00		Roulé Elia	Climate and anthropization in Newfoundland: A multi-proxy reconstruction of landscape changes around L'Anse aux Meadows
14:00	14:15	III-9-Pollen-based land cover reconstruction to study climate and human impact on vegetation, terrestrial and aquatic ecosystems	Łuców Dominika	Landscape topography and coastal proximity influenced wildfire in Central Newfoundland (Canada)
14:15	14:30		Julien Andréa	Reconstruction of the regional dynamics of vegetation and human activities in the North-Western Alps over the last 7 millennia
14:30	14:45	III-3-Reconstructing the impact of human activities on the environment	Li Kuan-Hua	Late Holocene vegetation and climate change reconstructed from multi-proxy analysis of a mountain wetland in southern Taiwan
14:45	15:00		Kolaczek Piotr	Cultural eutrophication of Lake Gorzyńskie (western Poland) since prehistoric times – insights from a multi-proxy study of varved sediments
15:00	15:15		Engels Stefan	How long is long-term? Comparing decadal- and centennial-scale insect diversity dynamics
15:15	15:30		Schwalb Antje	Effects of the Thirty Years' War on 17th-Century Central European aquatic and terrestrial ecosystems
15:30	15:45	COFFEE BREAK		
15:45	16:00	COFFEE BREAK		
16:00	16:15	III-3-Reconstructing the impact of human activities on the environment	Kaucha Karolina	Impact of the Elbląg Canal construction on the ecosystem of selected lakes in Iława Lake District
16:15	16:30		Watts Aspen	Disentangling the drivers of Insect Armageddon in the UK using sub-fossil chironomids.
16:30	16:45		Jones Evan	The ecological impacts and spatial footprint of mining activities on lakes from First Nations territories in Yukon, subarctic Canada
16:45	17:00		Ducruet Romain	A 50-year Record of Soil Erosion Dynamics: Pre- and Post-Wildfire Observations from Sediment Coring Methods in Contrasting Ecosystems (Var, Southern France)
17:00	17:15		Cumming Brian	An Integrative Assessment of Changes in Nutrients and Aquatic Production in Large Reservoirs and Lakes in Western Canada
17:15	17:30			
17:30	17:45	Symposium guest talk		
17:45	18:00			
18:00	18:30			
18:30	19:00	Poster session (III-3) + refreshments		
19:00	19:30			

ROOM D				
Time start	Time end	session name	speaker	title
08:30	08:45	III-1-Furthering the relationship between palaeolimnology and conservation	Tibby John	The sensitivity of globally significant subtropical Australian dune lakes to past, present and future climate
08:45	09:00		Salcedo Ada	Filling the gaps: Reconstructing Waterbird Dynamics on Remote Lake Islands
09:00	09:15		Would Jamie	Cladocerans as paleoecotoxicological markers to assess mining activities on indigenous lands in northern Canada: Using paleolimnology to help with reconciliation
09:15	09:30		Braga Lorenzo	Protected biotopes and glacial relicts from the past: preliminary palynological findings and time-based indicator species from the Teor-Campomolle palaeochannel sedge peatland (NE Italy)
09:30	09:45		Medeiros Andrew	Informing freshwater management with the use of paleolimnology; Halifax Regional Municipality, Nova Scotia, Canada
09:45	10:00	III-5-Resilience and recovery in lake systems across time and space	Kane Zoe	Cladocera Responses to Scale-Dependent Seabird Inputs to Island Ponds: (Colony) Size Matters
10:00	10:15			
10:15	10:30			
10:30	10:45			
10:45	11:00			
11:00	11:15	III-7-The coevolution of environments and biodiversity	Pham Jennifer	Detecting critical transitions in lake states across Canada: a paleolimnological approach
11:15	11:30		Sayer Carl	Does the alternative states theory stand the test of time for shallow lakes?
11:30	11:45		Chen Xu	Recent restoration of a large floodplain lake: evidence from sedimentary diatoms
11:45	12:00		Verschuren Dirk	When resilience comes naturally: zoobenthos community turnover in a 1650-year record of climate-driven hydrological change
12:00	12:15		Pleskot Krzysztof	Response of chironomid larvae in a freshwater lake to inundation from the 1929 Grand Banks Tsunami, Newfoundland, Canada
12:15	12:30	LUNCH BREAK	Walton Richard	Investigating recovery in nutrient-enriched shallow lakes using long-term monitoring and palaeoecological records
12:30	12:45			
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13:30	13:45	III-5-Resilience and recovery in lake systems across time and space	Schouten Stan	Climate-Eutrophication-Anoxia Interactions in Late-Glacial Soppensee, Switzerland: Forcings, Non-linear Responses and Recovery
13:45	14:00		Paton Julia	Echos of acid rain: a paleo-ecotoxicological assessment of acidification and metal pollution in Lake 10 (Atikameksheng Anishnawbek First Nation Reserve, Northeastern Ontario, Canada)
14:00	14:15		Langdon Pete	Recovery pathways in deep lakes
14:15	14:30		Foster Tim	Using Computational Modelling to Study Lake Ecosystem Recovery
14:30	14:45			
14:45	15:00	IV-3-Paleolimnological Insights into Carbon Cycling in Lakes	Gregory-Eaves Irene	Team science leverages substantial advances in paleolimnology through the NSERC Canadian Lake Pulse program
15:00	15:15		Sodeland Marte	Speciation processes and diversification in the genus Salmo
15:15	15:30		Abiodun Emmanuel	EVALUATION OF WATER PHYSICO-CHEMISTRY AS A CORRELATE OF PARASITIC INFESTATION OF FISHES INHABITING OPA RESERVOIR FEEDER RIVERS, SOUTHWEST NIGERIA
15:30	15:45	COFFEE BREAK		
15:45	16:00	COFFEE BREAK		
16:00	16:15	IV-1-Biogeochemical cycles in the subsurface: molecular and ...	Roeser Patricia	Barite as a mineral proxy for salinization in a paleo freshwater lake
16:15	16:30		Picard Mailys	Where's Wally: a metagenomic pipeline to uncover microbial anaerobic metabolisms from environmental samples
16:30	16:45	IV-3-Paleolimnological Insights into Carbon Cycling in Lakes	Mcgowan Suzanne	The drivers of carbon sedimentation in eutrophic floodplain lakes
16:45	17:00		Frison Justine	Organic carbon accumulation rate in natural lakes of mainland France: contemporary estimations and long-term trajectories.
17:00	17:15		Jenny Jean-Philippe	Increasing carbon burial over recent decades despite re-oligotrophication in deep peri-alpine lake Aiguebelette, France
17:15	17:30		Cadd Haidee	Terrestrial and aquatic carbon storage and cycling in Australian lacustrine sediments: MIS5 to present
17:30	17:45	Symposium guest talk		
17:45	18:00			
18:00	18:30			
18:30	19:00	Poster session (I-3, I-4 and IV-2) + refreshments		
19:00	19:30			