

## 3<sup>rd</sup> Paleolimnology & Limnogeology International Symposium

CORS LANGE BLANC INRAC

6-10th October 2025 - Aix les Bains (France

## FRIDAY 10th

		ROOM A		
Time start		session name	speaker	title
08:30	08:45			
08:45	09:00		Moyle Madeleine	Proxies, process, and pitfalls ,Äi practical applications of sediment geochemistry for reconstructing catchment-lake phosphorus dynamics using a budget approach
09:00	09:15	II-3-Sediment inorganic geochemistry: methodological developments and	Boyle John	From XRF to landscape P yield history: a lake mass balance model critically tested
09:15	09:30		Grigg Laurie	A mid-Holocene shift in sediment redox conditions evidenced by geochemical, magnetic, and lithologic data
09:30	09:45		De La Casa Javier	Elementome Trajectories reveal long-term ecological and biogeochemical shifts in ecosystem history
09:45	10:00	applications in paleolimnology	Lachance Antoine	Expanding the Reach of µ-XRF: Methodological Advances for Paleo-Storm Reconstructions in Ombrotrophic Peatlands
10:00	10:15	applications in paleonininology	Debret Maxime	Seeing Sediments in a New Light: Hyperspectral Imaging for Paleoenvironmental Insights
10:15	10:30		Francois Lemot	High-resolution prediction of sediment grain size distribution from XRF-core scanning geochemical measurements
10:30	10:45	COFFEE BREAK		
10:45	11:00	COFFEE BREAK		
11:00	11:15			
11:15	11:30			
11:30	11:45	Poster session (II-3; VIII-3)		
11:45	12:00	Poster session (II-3; VIII-3)		
12:00	12:15			
	12:30			
12:30	12:45	LUNCH BREAK		
	13:00	LUNCH BREAK		
13:00	13:15	LUNCH BREAK		
	13:30	LUNCH BREAK		
13:30	13:45	LUNCH BREAK		
13:45	14:00	VIII-3-Coastal lakes and	Olabayo Olaopa Samuel	Hydrological shifts in the southern Levant during the Pliocene: a multi-proxy study of a lagoonal-lacustrine setting from the Dead Sea
14:00	14:15	lagoons: archives of past	Hosmann Siro	Multiple glacial-interglacial sequences in a Darwin-type barrier-reef lagoon: Implications for paleoclimate, sea-level changes and subsidence since the Late-Pleistocene
14:15	14:30	extreme-wave event, climate	Boissière Coralie	Using Ostracods as Indicators of Recent Coastal Environmental Change in Caribbean mangroves
14:30	14:45	and environmental variations	Galofré Penacho Marcel-Saïd	Holocene Depositional Evolution of Two Coastal Lagoons in Formentera (Balearic Islands): A Multiproxy Paleolimnological Approach
14:45	15:00		Ghosh Suvrajit	Vulnerability of blue carbon in coastal freshwater ecosystems to sea-level rise
15:00	15:15	COFFEE BREAK		
15:15	15:30	COFFEE BREAK		
15:30	15:45		Hess Katharina	Coastal lake sediments as archives of extreme overwash events ,Äi A 1500-years multi-proxy record from the Shetland Islands, UK
15:45	16:00	VIII-3-Coastal lakes and lagoons: archives of past extreme-wave event, climate and environmental variations	Park Boush Lisa	Sand, Mats and MudA Ska Climate and Hurricane Record from of a Coastal Lake Basin on Eleuthera, The Bahamas
16:00	16:15		Tallon Marie	Sedimentary records of paleo-tsunamis and paleo-storms from two coastal lagoons in Guadeloupe, Lesser Antilles.
16:15	16:30		Paris Raphaël	Detecting tsunami beyond the limit of sand deposition in the sedimentary archives of coastal lakes and plains
16:30	16:45		Brocard Gilles	Efficacy of the Echoes 10 000 sub-bottom profiler for imaging sediment layering in ultra-shallow lagoons
	17:00			
17:00	17:15	Symposium awards		
	17:30	Symposium awards		
	18:00	END of SYMPOSIUM		
17.50	10.00	2012 01 311111 0310111		

		ROOM B		
Time start		session name	speaker	title
08:30			Tyler Jonathan	Hydroclimate variability in Australia through the last 2000 years: a critical review of archives and trends
08:45			Safaierad Reza	Increased dust input in the southern Zagros Mountains during North Atlantic cold events: evidence from Lake Parishan, SW Iran
09:00				Holocene environmental dynamics from interdunal wetland archives from Kanem (northern Sahel, Chad)
09:15			Sylvestre Florence	The 8.2 kyr drought event during the African Humid Period suggests potential return of severe drying of the Sahara
09:30		from lake archives	Yilmaz Serra Selen	Determination of Late Holocene Climate Changes in Sedimentary Records of Salda Lake (Burdur)
09:45	10:00		Zaova Dušica	Temporal dynamics of valve size evolution in an endemic diatom from Lake Ohrid
10:00	10:15		Peyron Odile	One million years of Mediterranean climate dynamics revealed by Lake Ohrid's pollen record
10:15	10:30		Boyall Laura	From single site to spatial reconstructions: using European lake records to explore Common Era decadal climate variability through space and time.
10:30	10:45	Coffee break		
10:45	11:00	Coffee break		
11:00				
11:15	11:30			
11:30	11:45	Poster session (IV-2, VII-1, VI-3)		
11:45	12:00	1 03121 32331011 (14-2, 411-1, 41-3)		
12:00	12:15			
	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	VI-2-Identifying climate extremes	Larsen Darren	A lake sediment record of Holocene hydroclimate variability in the northern Great Basin, USA from Summit Lake, NV
13:45	14:00	from lake archives	Bakke Jostein	Holocene Glacier Surge Frequency at Kongsbreen Reconstructed from Threshold Lake Sediments in Sarsvatnet, Svalbard
14:00	14:15	ITOIII lake archives		
14:15	14:30	VII-1-(Sub)Antarctic lakes as	Buffoli Marina	Post-glacial colonization, community assembly and taxonomic turnover in an East Antarctic lake
14:30	14:45	recorders of local to global	Bellet Emeline	Holocene climatic changes on Kerguelen archipelago (South Indian Ocean) based on marine and lacustrine paleoclimatic archives
14:45	15:00	environment and climate changes	Schneider Tobias	High-amplitude hydroclimatic variability on the Kerguelen archipelago in the early Holocene: δD isotopes from leaf waxes suggest rapid movement of the Southern Westerly Belt
15:00	15:15	COFFEE BREAK		
15:15	15:30	COFFEE BREAK		
15:30	15:45	VII-1-(Sub)Antarctic lakes as	Jarle Sleire	Common Era sub-Antarctic glacier variations modulated by the southern westerlies and sea surface temperatures in the Southern Ocean
15:45		recorders of local to		A full-Holocene record of vegetation change in the northwest of Kerguelen mainland
	16:15	VI-3-Understanding southern South	Gomez Carolina	Reconstruction of Westerly Winds Intensity Variability in Southwestern Patagonia: A Multiproxy Approach in Lake Sediments Since the Late Pleistocene
	16:30	America (SSA) climate: local to		A 15 kyr lake sediment record and past changes in the westerly winds from the Madre De Dios archipelago (50-∞5) in Patagonia
		regional climate signals with modern		Exploring the last two Millennia of Climate & Environmental Change in Central Chile: Insights from Lago NN Tantauco (42.8-∞S), Isla Grande de Chiloe
16:45				Legioning the last two winnerman or climate at Livinovinierical change, in Central clinic, insignising and insignising at Change in Central clinic, insignising and mining activities (Parinacota area, Chile, 4380 m a.s.l.)  Andean lake and bog sediment as archive of late Holocene climate change, volcanism and mining activities (Parinacota area, Chile, 4380 m a.s.l.)
17:00		Symposium awards	Gucui on Stephane	Prince and dog Jeanneth as are interested in the consistence change, volument and filling detivities (rainated after, clinic, 4300 fill a.s.r.)
17:00		Symposium awards		
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	ROOM C				
Time Time	session name	speaker	title		
08:30 08:45					
08:45 09:00					
09:00 09:15		Tahri Anaïs	Contribution of fossil diatoms to the reconstruction of the environmental history of the maars of the Massif Central: a comparative study		
09:15 09:30		Rantala Marttiina	Increasing primary production and sediment carbon burial in five tropical crater lakes spanning Central Mexico		
09:30 09:45	VIII-6-Imprints of natural and	Fagel Nathalie	Environmental evolution of Lake Santa Maria del Oro (Mexico) over the last 1500 years inferred from mineralogical and geochemical proxies		
09:45 10:00	anthropogenic environmental	Safaierad Reza	Climate change and human impact over the past 2,300 years in Central Mexico: a multi-proxy record from crater Lake Teremendo		
10:00 10:15	changes in crater lakes	Verschuren Dirk	Recovery from mid-Holocene drought in the Lake Victoria basin		
10:15 10:30	i i	Mouhamed Amin Nsangou	Evidence of limnic eruptions in the sedimentary record of lake Monoun, Cameroon		
10:30 10:45	Coffee break				
10:45 11:00	Coffee break				
11:00 11:15					
11:15 11:30					
11:30 11:45	Poster session (VII-2, IX-1)				
11:45 12:00	1 03121 32331011 (111-2, 111-1)				
12:00 12:15					
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13:00 13:15					
13:15 13:30		Ramirez Giannina	Biomarker-based reconstruction of climate and land use change in Mid-Late Holocene sediments of Laguna Encantada, Chetumal, Mexico		
13:30 13:45		Martinez-Dyrzo Haydar	New Evaporite Marker in Lake Kanv* (Muyil Region, Mexico): Evidences for Early Maya Climate Stress and Abandonment during the Preclassic-to-Classic		
13:45 14:00			Temperature reconstruction and biogeochemical signatures of limnological change in lowland Central America since the Last Glacial Maximum		
14:00 14:15		Jorgensen Ellen	A Resilient Amazon Rainforest in the Late Quaternary		
14:15 14:30		Unkel Ingmar	Monsoon variability and paleo-droughts during the Late Holocene at Ia Bang Lake, Central Highlands of Vietnam		
14:30 14:45		Pérez Liseth	Shaping the future of inclusion in limnogeology and paleolimnology		
14:45 15:00		E.galindo Paula	Fostering Inclusion and Confidence: The Pre IAL-IPA 2022 & 2025 Virtual Meeting Experience		
15:00 15:15					
15:15 15:30					
15:30 15:45		Marchegiano Marta	ICDP Early Career Researcher Initiative: Fostering Collaboration, Mentorship, and Career Development		
15:45 16:00		Smol John	Looking backwards: Braiding information from paleolimnology and Indigenous knowledge holders to address key environmental issues		
16:00 16:15		Achaga Romina	Connecting Communities and Science: A Collaborative Paleoenvironmental Project in La Barrancosa lake, Argentina		
16:15 16:30		Montade Vincent	Active collaboration with people to collect paleoecological sediment core: Lessons learned from a participatory and interdisciplinary research project in Madagascar (CAROTRIP)		
16:30 16:45		Giesecke Thomas	Research, nature conservation, outreach and education need open, community-curated data		
16:45 17:00					
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17:15 17:30					
17:30 18:00	END of SYMPOSIUM				

				ROOM D
Time start		session name	speaker	title
08:30	08:45			
08:45	09:00			
09:00	09:15		Thienpont Joshua	A permafrost-lake-landscape framework for understanding trajectories of environmental change across Canada's Northwest Territories
09:15	09:30		Cameron Emma	Lakes as archives of environmental impacts near legacy drilling mud sumps in the Mackenzie Delta uplands, Arctic Canada
09:30	09:45		Jennifer Korosi	Small, shallow lakes in sporadic discontinuous permafrost peatlands exhibit threshold responses to permafrost thaw
	10:00	VIII-8-Arctic paleolimnology		Late Holocene evolution of peatland ponds and lakes in Wapusk National Park, western Hudson Bay Lowlands, Canada
	10:15	across permafrost -	Schneider Tobias	A Promising Archive Of High Arctic Holocene Temperature Variability: Lake Sediments From Lake SW, Peary Land (82°N)
10:15	10:18	limnoscapes -	* Armstrong Isaac	Setting the (eco)tone: can chironomids reliably reconstruct temperature in subarctic treeline lakes?
10:18	10:21	iiiiioscapes	* Emery Baptiste	Colloidal forms of organic carbon, major and trace elements along a bog-fen gradient of thawing permafrost during early spring in arctic Sweden
10:21	10:24		* Pascaud Loek	Emergent thermokarst lakes as sentinels of permafrost thaw in a High Arctic landscape
10:24	10:27		* Roman Matej	Mid-Late Holocene environmental sedimentary archive in landslide-dammed Garmaksla Lake, Svalbard
10:27	10:30		* Tuccillo Mia	Photosynthetic pigments across boreal to tundra permafrost lakes in northwest Canada: Modern observations of pigment sources, environmental drivers, and sedimentary preservation
10:30	10:45	Coffee break		
10:45	11:00	Coffee break		
11:00	11:15			
11:15	11:30			
	11:45	Poster session (VIII-8, III-8)		
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12:00	12:15			
12:15	12:30			
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		Chen Guangjie	Sediment signals of the Anthropocene from an ecological perspective in lakes of Southwest China
13:45	14:00		Joannin Sebastien	Vegetation and climate reconstructions from sedimentary archives in the Circum-Caspian region.
	14.15	III-8-Anthropocene lake	Gao Yuesong	A synthesis study on the Holocene wildfire dynamics in the Indian monsoonal region of Southwest China
	14:30	ecosystem dynamics in fast-	Lone Aasif	Anthropogenic forcing and watershed disturbance leads to an abrupt shift to lacustrine productivity dominance in the Ahansar Lake, western Himalaya, India
14:30	14:45	changing Asia	Zhao Yanjie	Ecological stability and biodiversity dynamics in alpine lake ecosystems of Southeastern Tibetan Plateau in the Anthropocene
	15:00		Du Chenliang	Rapid ecological change outpaces climate warming in Tibetan glacier lakes
	15:15	Coffee break		The state of the s
	15:30	Coffee break		
	15:45		Zeng Linghan	Influences of anthropogenic hydrological infrastructures on sub-tropical floodplain lake ecosystems
	16:00		Walton Richard	Diverging effects within two modified shallow lakes, Ninh Binh, Vietnam
	16:15	III-8-Anthropocene lake ecosystem dynamics in fast-	Huang Shivin	Dynamics of algal community and ecosystem changes in shallow lakes of the Huai River Basin in eastern China during the Anthropocene
	16:30		Jin Yuan	Dynamics on again community and ecosystem changes in stantow hakes on the most representation of the m
	16:45	changing Asia	Ren Junming	Aquatic Vegetation Dynamics in Shallow Lake Liangzi (Central China) over the Past 5,000 Years Revealed by Sedimentary Ancient DNA
	17:00		Lin Qi	Aquatu vegetation by Inamia Inamia Value Lenga (Lenga Cana) in the rast 5,000 feat a revealed by Jediniental y Ambert 10 feat a Sedimentary DNA and paleoenvironmental analyses reveal transient social-ecological dynamics in Anthropocene watersheds  Sedimentary DNA and paleoenvironmental analyses reveal transient social-ecological dynamics in Anthropocene watersheds
	17:15	Symposium awards		
	17:30	Symposium awards		
	10.00	Symposium awarus		