

Program

Session Duration	Specific time	Day, Presenter, Description		Presentation title
19:00-21:00		Monday		
		Welcome drink		
		Tuesday		
09:00-09:15		Opening		
09:15-10:30	09:15-09:40	Jonas	Stankevicius	A Three-Dimensional Hydrodynamic Model of Great Slave Lake: Development, Validation, and Application to Contaminant Transport and Climate Scenarios
	09:40-10:05	Sierra	Legare	Modelling Contaminant Remobilisation due to Sediment Resuspension
	10:05-10:30	Tomy	Doda	A simple mass-budget approach to support adaptive Management of recreation in alpine lakes
10:30-11:00		Coffee break		
11:00-13:00	11:00-11:25	Lee	Bryant	Mixing and metals: engineered destratification and Environmental controls on lake manganese dynamics
	11:25-11:50	Marek	Stastna	Modelling Phosphorous loading in Hamilton Harbour: What role for Dynamics?
	11:50-12:15	Michael	Mannich	Impacts of Floating Photovoltaics on Oxygen Dynamics: Implications for Nighttime Regression Estimates of Respiration and Reaeration
	12:15-13:00	Jadranka	Šepić	(Keynote) Meteotsunamis: A Global Scale Oceanic hazard
13:00-14:30		Lunch		
14:30-16:10	14:30-14:55	Péter	Torma	Sediment-Water Heat Exchange in a Shallow Lake from Direct Flux Measurements
	14:55-15:20	Marco	Toffolon	Monitoring and modelling turbidity currents induced by the Adige-Garda tunnel in Lake Garda (Italy)
	15:20-15:45	Damien	Bouffard	Tracking turbidity Currents in lake Brienz: Insights from ADCPs, multibeam surveys, and ocean bottom seismometers
	15:45-16:10	Cristobal	Molina	Nortek products (sponsor's presentation)
16:10-16:40		Coffee break		
16:40-17:55	16:40-17:05	Keisuke	Nakayama	Evaluation of Bottom Boundary Layer Formation in a Deep Lake Using Thorpe Length Scale and a Wind-Driven Two-Layer Theoretical Model
	17:05-17:30	Hiroki	Matsumoto	Applicability of theoretical solution in the enclosed basin
	17:30-17:55	Robert	Schwefel	Citizen science data reveal long-term trends in lake transparency

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Wednesday				
09:15-10:50	09:15-09:40	Gabriella	Luko	Impact of internal boundary layer related spatial Wind variability in a large and shallow lake
	09:40-10:05	Hannah	Clercx	Wind-induced circulations in enclosed former estuaries with Stratification and strongly varying bathymetry
	10:05-10:50	Henk	Dijkstra	(Keynote) Future projections of salt Intrusion in estuaries worldwide
10:50-11:20		Coffee break		
11:20-13:00	11:20-11:45	Alexei	Kouraev	Ice cover and water dynamics of large deep ice-covered lakes from satellite and in situ observations
	11:45-12:10	Francesca	Hinegk	Conventional to pumped-storage hydropower reservoirs: What happens to thermal structure and ice cover?
	12:10-12:35	Corentin	Prados	Instabilities and turbulence in supraglacial channels: Competition between shear-dominated and buoyancy-dominated dynamics
	12:35-13:00	Andres	Posada Bedoya	Littoral circulation driven by sediment heating in ice-covered lakes
13:00-14:30		Lunch		
14:30-16:10	14:30-14:55	Bertram	Boehrer	Dissolved gases and gas pressures in lake water
	14:55-15:20	Mohammad Atif	Khan	Evaluating the microbubble hypothesis: Microbubble concentrations in relation to Air-water CH ₄ and CO ₂ exchange between inland waters and the atmosphere
	15:20-15:45	Marcus	Klaus	Bubble size distributions in mountain streams
	15:45-16:10	Ivan	Mammarella	Temporal dynamics and drivers of carbon dioxide emissions from a small boreal lake
16:10-16:40		Coffee break		
16:40-17:55	16:40-17:05	Marta	Fregona	Future climate warming prolongs spring mixing and increases Annual greenhouse gas emissions in a boreal lake
	17:05-17:30	Bertram	Reventlow	Extreme Gas Accumulation in Meromictic Lake Kilevann, Norway
	17:30-17:55	Marius	Mangold	Precise Gas Profiling in the Supersaturated Waters of Lake Kivu
20:00-22:00		Gala dinner		

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Thursday				
10:00-16:00		Field trip (with lunch)		
		Poster session (with light dinner)		
19:00-21:00		Wouter	Kranenburg	Measurements of Stratification and Circulation in an Enclosed Former Estuary
		Marija	Marguš	Stable water isotope signatures ($\delta^{18}\text{O}$ and $\delta^2\text{H}$) in a stratified marine lake: Evidence of evaporation, stratification and restricted exchange
		Iva	Dominović Novković	Complex interactions in a coastal karstic environment: The case of marine lake Zmajevo oko (Rogoznica, Croatia)
		Marco	Toffolon	Navigating the AI Wave: Generative Artificial Intelligence in Physical Limnology
		Sara	Treccani	Optimizing sediment management in alpine reservoirs through process-based modelling of bottom outlet flushing
		Ilaria	Dal Dosso	Linking upstream rainfall to turbidity events in a hydropower-regulated Sub-alpine lake using satellite observations
		Elena	Zakharova	Monitoring freshwater lake ice cover - synergy of satellite radar altimetry, In situ observations and numerical modelling
		Ana	Erdevicki	Gaussian Process Modeling of Deepwater Cooling in a Very Deep Lake
Friday				
09:15-10:50	09:15-10:00	Alexander	Izhitskiy	(Keynote) Extreme environment of the Aral Sea after desiccation
	10:00-10:25	Anja	Batina	Physical Drivers of Water Quality and Salinity Dynamics in a Coastal Shallow Lake: A GIS-MCDA Approach for Monitoring Optimization
	10:25-10:50	Luisa	Ciriaco Silva De Oliveira	Stratification and Mixing Dynamics Under Extreme Drawdown and Refilling in a Semi-Arid Reservoir
10:50-11:20		Coffee break		
11:20-13:00	11:20-11:45	Sherif	Alaa Ibrahim	What Constitutes a Deep Lake? A Dynamics-Based Definition and the Concept of Anisomixis
	11:45-12:10	Georgiy	Kirillin	Large-scale dynamics and fine-scale mixing In Lake Issyk-Kul and their relation to biological productivity
	12:10-12:35	Jean Modeste	Mushimiyimana	Evolution of Thermal Stratification in Lake Kivu and Its Drivers
	12:35-13:00	Joshua	Marks	3D Modeling of Lake Shikotsu: Thermobaricity controlled Deep Water Circulation
13:00-13:10		Closing		
13:10-14:40		Lunch		
(18:00-19:30)		(City tour)		