

Program

		Session Duration	Specific time	Day, Presenter, Description		Presentation title
				Monday (Aug. 31)		
		19:00-21:00		Welcome drink (registration)		
				Tuesday (Sept. 1)		
		08:30-09:00		Registration		
		09:00-09:15		Opening		
Session 1	Chair: Lee Bryant Co-chair: Sierra Legare	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		
Session 2	Chair: Lee Bryant Co-chair: Sierra Legare	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	Robert	Schwefel	Citizen science data reveal long-term trends in lake transparency
			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		
Session 3	Chair: Marco Toffolon Co-chair: Hiroki Matsumoto	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	Acoustic tools for resolving new challenges in coastal areas
		16:10-16:40		Coffee break		
Session 4	Chair: Marco Toffolon Co-chair: Hiroki Matsumoto	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	Marek	Stastna	Modelling Phosphorous loading in Hamilton Harbour: What role for Dynamics?

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Wednesday (Sept. 2)					
Session 5	Chair: Alexei Kouraev Co-chair: Francesca Hinegk	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		
Session 6		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		
Session 7	Chair: Bertram Boehrer Co-chair: Marta Fregona	14:30-16:10	14:30-14:55	Bertram Boehrer	Dissolved gases and gas pressures in lake water
			14:55-15:20	Marcus Klaus	Bubble size distributions in mountain streams
			15:20-15:45	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
			15:45-16:10	Ivan Mammarella	Temporal dynamics and drivers of carbon dioxide emissions from a small boreal lake
		16:10-16:40	Coffee break		
Session 8	Chair: Bertram Boehrer Co-chair: Marta Fregona	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	Marius Mangold	Precise Gas Profiling in the Supersaturated Waters of Lake Kivu
			17:30-17:55	Bertram Reventlow	Extreme Gas Accumulation in Meromictic Lake Kilevann, Norway
		20:00-22:00	Gala dinner		

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		Thursday (Sept. 3)		
10:00-16:00		Field trip (with lunch around 14 h)		
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	Complex interactions in a coastal karstic environment: The case of marine lake Zmajevo oko (Rogoznica, Croatia)
		Marco	Novković	
		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

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Friday (Sept. 4)				
Session 9	Chair: Georgiy Kirillin Co-chair: Jean Modeste Mushimiyimana	09:15-10:50	09:15-10:00 10:00-10:25 10:25-10:50	Alexander Izhitskiy (Keynote) Extreme environment of the Aral Sea after desiccation Physical Drivers of Water Quality and Salinity Dynamics in a Coastal Shallow Lake: A GIS-MCDA Approach for Monitoring Optimization 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 11:45-12:10 12:10-12:35 12:35-13:00	Sherif Alaa Ibrahim Georgiy Kirillin Jean Modeste Mushimiyimana Joshua Marks What Constitutes a Deep Lake? A Dynamics-Based Definition and the Concept of Anisomixis Large-scale dynamics and fine-scale mixing In Lake Issyk-Kul and their relation to biological productivity Evolution of Thermal Stratification in Lake Kivu and Its Drivers 3D Modeling of Lake Shikotsu: Thermobaricity controlled Deep Water Circulation
Session 10	Chair: Georgiy Kirillin Co-chair: Jean Modeste Mushimiyimana	13:00-13:10	Closing	
		13:10-14:40	Lunch	
Special session	Chair: Lee Bryant	15:00-17:00	In memoriam: Dr Dan McGinnis (remote joining to the session held live in Geneva)	
		17:30-19:30	Šibenik city guided tour	