

Programme for the Nordic and International Hydrometry Workshop, 21–25 September 2026, Finland

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Polarium Auditorium (180 pers.)		 Suomen ympäristökeskus Finlands miljöcentral Finnish Environment Institute		 Economic Development Centre		21.-25.9.2026 Rovaniemi	
Room Kieppi (22 pers.) Tue and Thu							
Tuesday		Wednesday		Thursday		Friday	
Brief introduction of hydrological monitoring (continues), chair: Jari Uusikivi Ireland: The EPA hydrometric network in Ireland/Thomas Killen Latvia: Hydrological monitoring in Latvia/Mārcis Tirums Slovenia: Hydrological monitoring in Slovenia/Roman Trček Finland: Hydrological monitoring in Finland/Jari Uusikivi		Rating curves, chairs: Stephanie Moore & Jenny Axén Analysis on rating curve uncertainty, results and possible implementation/Jenny Axén,Fanny Jeppsson Stahl, Åsa Barckman Höglblom Rating curve shift detection -applied approach using water level/Sami Soosalu The current approach to rating development at Canada's National Hydrological Service/Stephanie Moore RUHM: An open-source tool for rapid stage–discharge Rating curve Uncertainty estimation using Hydraulic Modelling and UAV data/Ida Westerberg (On line)		Manufacturer's presentations, chairs: Jari Uusikivi & Joonas Kahiluoto Beyond Surface Velocity: Structure-Aware Approaches of Continuous Discharge Measurement/Arthur MA Gauging of Freshet in Nunavut, Canada using Automated Salt Dilution/Gabriel Sentlinger Teledyne RDI ADCPs overview/Mikolaj Wydrych Sommer GmbH Reserved			
		Coffee break 30 min					
New hydrological measurements, chairs: Kristoffer Florvaag-Dybvik & Alexandre Hauet Unmanned Aerial Water Observation Systems, UAWOS/Daniel Wennerberg Discharge Measurements Using Acoustic Power in Rivers/Alex Hauet Results and Experiences from Autosalt measurements in fast response streamflow/Jenny Axén, Mikael Lennermark AutoSalt Field Trial Results/Andrew Shaw USV Bathymetric mapping for shallow waterbodies/Joonas Kahiluoto		Discharge measurements and methods, chairs: Mikael Lennermark & Daniel Wennerberg Measuring flow disturbance with a moving boat in still water/Kristoffer Florvaag-Dybvik 10 years of ADCP regattas in Vranov (Czechia)/Libor Ducháček A presentation on ADCP's (TBC)/Robert Maguire Environment Agency ADCP Regatta Results And Learning/Andrew Shaw Rivers' monitoring network and measurement methods in Lithuania/Raimundas Baublys		Surface velocimetry methods, chairs: Mark Randall & Daniel Wennerberg Image velocimetry training /Mark Randall TBC/Alexandre Bebon (On line) Surface Velocity Methods in Norway/Iain Kirkwood (On line) On the Relationship Between Maximum Surface Velocity and Mean Flow Velocity for Non-Intrusive Discharge Estimation/Alex Hauet			
				BACK TO BASICS-DISCUSSION (20 min)			
		Lunch break 60 min					
QRevInt/QRev MS, chairs: David Mueller & Mikael Lennermark Introduction and latest developments of Qrev/QRevMS/David Mueller (45 min) The impact of using Extrap and Qrev software on ADCP measurements in Norway/Kristoffer Florvaag-Dybvik Development of QRevMS (on stationary ADCP discharge uncertainty computation)/Jerome Le Coz (On line)		QRevInt/ QRevMS workshop, chair: David Mueller 13:00-14:15 Joint training Poster session 30 min before coffee Uncertainty in waded measurements/Thomas Killen Extraction of snow line in Czechia for hydrological purposes/Libor Ducháček Drones in Hydrology: First Experiences at CHMI/Karel Kněžinek Gauging stations in the Icelandic highlands/Jonas Guðnason		Why bad measurement is bad, chair: Kristoffer Florvaag-Dybvik 13:00-14:15 Joint discussion Manufacturer's dry demos 30 min before coffee			
		Coffee break 30 min					
International collaboration on tools, platforms and validation practices, chairs: Libor Ducháček & Kevin Oberg The International Hydrometry Group : who we are, how it works? /Kevin Oberg WMO's Role in Advancing Hydrometry: Recent Updates (TBC)/Johanna Korhonen (On line) WMO Expert Team on Hydrometry Actual Work and Future Perspectives/Libor Ducháček Hydrological information systems, scarcity of IT-resources and workarounds/Mads-Peter Dahl Auto-QAQC in the Canadian context and Canadian-Finnish collaborations/ Gianni Montanaro, Simo Ylönen Syke's Hydrological information System HIS/Antti Kukkola		QA/QC and consistency of the data and data quality criteria, chairs: Stephanie Moore & Leo-Juhani Meriö Real-Time Data Prequalification for Hydro-Meteorological Forecasting/Frédéric Gottardi (on line) Multivariate error detection using spatio-temporal attention - MEDUSA/ Simo Ylönen The current status of QA/QC of hydrometric data at Canada's National Hydrological Service/Stephanie Moore WMO guidance on intercomparison measurements/Kevin Oberg Trust Your Data: From Automated Validation to Expert Quality Control/ David Vonberg (Kisters) Creating data quality criteria in Finland/Merja Pulkkanen		Winter hydrology and discharge, chairs:Kati Anttila & Stephanie Moore & Sami Soosalu Winter hydrology, chairs Kati & Sami The continuous development and testing of the M2525 (and other sizes) of snow scales for measuring SWE/Sebastian Andersen Snow monitoring in Finland /Kati Anttila CRYO-RI – Combining Efforts to Improve Cryospheric Monitoring Networks Across Northern Finland/Kati Anttila Ice monitoring in Finland/Leo-Juhani Meriö Time series and continuous under ice measurements, Chair: Stephanie and Sami Presentation of Winter Discharge Estimation and discussion/Gregory Langston (On-line) Introduction to field day and next workshop 15 min			
CHINB-meeting							
Sauna at Roiske Arctic Sauna Retreat: 18:00-22:00		Workshop dinner in Arktikum Café: 18:00-22:00		IHG+manufacturer meeting: 18:00-20:00 in Arktikum (Rooms Kieppi, Petsamo, Aurora, Polarium)			