

Sept 1, 2026	
17:00	Welcome and registration - Glacier Garden in Lucerne
Sept 2, 2026	
8:30-8:50	Registration
8:50-9:00	Welcome and organizational information
	SedimentChair: Peter Gruber
9:00-9:25	Turbidity sensor choices: Backscatter is crucial to measure high suspended sediment concentrations
9:25-9:50	Unified Acoustic Emission Monitoring of Sediment Erosion and Cavitation in Hydraulic Turbines
9:50-10:15	Effect of the Suspended Sediment Concentration on the density of the working fluid in hydraulic machines
10:15	Coffee Break
	Plant and Turbine OptimizationChair: Johannes Lanzersdorfer
10:45-11:10	Correlation-based input data validation for turbine efficiency monitoring
11:10-11:35	Lessons Learned from Field Performance Testing of Muskrat Falls (Kaplan Units)
11:35-12:00	Automatization of optimal blades/wicket gates law adjustment with Iso-Power cam curve method
12:00	Lunch
13:00	Optional tour to the hydraulic laboratory of the HSLU
	Scintillation MethodChair: Jürgen Skripalle
13:30-13:55	Performance Assessment of Acoustic Scintillation Flow Measurement at BC Hydro's Wahleach Generating Station
13:55-14:20	Comparison of turbine efficiency after blade replacement at Beaucaire Hydropower Plant
14:20-14:45	Acoustic scintillation discharge measurement against the requirements of IEC 60041: an uncertainty traceability analysis
14:45	Coffee Break
	Thermodynamic MethodChair: Harald Hulaas
15:15-15:40	Determination of generator losses by calorimetric method
15:40-16:05	Temperature distribution in draft tubes of Francis turbines and its impact on efficiency uncertainty
16:05-16:30	An implementation of the thermodynamic method for measuring continuously the hydraulic efficiency
	Acoustic Transit Time
16:30-16:55	Acoustic Transit Time Measurements in the Near Vicinity of a Gate
Evening	Visit offered by GWF at their site
Sept 3, 2026	
	Pressure Time MethodChair: Lukáš Rinka
9:00-9:25	Completing the pressure-time method with 3D CFD simulations
9:25-9:50	Data acquisition method for use of Paroscientific transducers in pressure-time measurement.
9:50-10:15	Selection of integration limits for the pressure-time method using the Fourier transform
10:15	Coffee Break
	Current Meter MethodChair: Carmen Badina
10:45 -11:10	Research on Unit Flow Measurement and Integration Method for Hydropower Projects Using the Current Meter Method.
11:10 -11:35	Uncertainty Estimation for Flow Measurement Using Intake Current-Meter Method
11:35-12:00	Calibration of velocimeters in towing tanks
12:00	Lunch
13:00	Optional tour to the hydraulic laboratory of the HSLU
	Laboratory testsChair: André Abgottspon
13:30-13:55	Influence of Scale Effects on Hydraulic Efficiency and Hydraulic Loss in Ultra-high-head Pelton Turbine
13:55-14:20	Development of a Test Setup for Friction Loss Evaluation of Realistic Rough Surfaces
14:20-14:45	Laboratory experiments in using simultaneous calibration of relative flow metering systems in hydraulic networks
14:45	Coffee Break
	New ApproachesChair: Thomas Staubli
15:15-15:40	Comparison of On-site Discharge Measurement by Differential Pressure Method with Model Test and Numerical Analysis results
15:40-16:05	Analysis of the efficiency of double-regulated hydraulic machinery using using ultrasound sensing in draft tubes
16:05-16:30	Verification of Prototype Turbine Efficiency by Calibrated Index Testing Based on Full Homologous Model Tests
16:30-16:40	Influence of Total Head Probe Contamination on Measured Total Energy
16:40-17:00	Conference closing and election of a new president
18:00	Conference dinner at the Seehotel Sternen in Horw
Sept 4, 2026	
08:30	Technical Tour to Kraftwerke Sarganserland, Start at "Gössli" coach terminal in Horw

Y. Gubelmann	D. Felix			
G. Weidenholzer	F. Minixhofer	L. Neururer		
D. Felix	A. Abgottspon			
N. Gloor	T. Staubli			
A. F. Mikhail	D. Giesbrecht	St. Meicke	J-A. Lemay	M. Best
J. Cavalier	A. Koehl	P. Michel	T. Rewers	C. Cellier
J. Buermans	D. Billenness	F. Sadeque		
M. de Vignes	P. Roumieu	E. Lepy	A. Marcel-Jullian	
V. Leroux				
P. Ševčík	R. Bischof	L. Rinka		
A. Abgottspon	U. Gerold	T. Staubli		
A. Gaspoz				
J. Skripalle				
M.J. Cervantes	S. Khullar	G. Dunca	E. Million	C. Badina
J.-S. Dufour	E. N. Cuesta			
T. Machů				
Y. Zhou				
D. Giesbrecht	St. Meicke	A.F. Mikhail		
T. Staubli				
Y. Qin	Z. Liu	B. Jiang	B. Zhu	
S. Khullar	M.J. Cervantes			
J. Lanzersdorfer	St. Kremser			
T. Kumashiro	T. Ishihara	Y. Tamura		
M. Nati	C. Badina	A. Digulesc	C. Ioana	
R. Saladin	A. Amini			
R. Saladin	A. Amini			