

DATE	TIME	PERSON(S)	TITLE
Thursday 9th February 2023	9:00	D. Farinotti, M. Lüthi, T. Shaw	Welcome, General Information and HouseKeeping
	9:15	Magnus Magnusson	An update on the IGS
	9:30	Guillaume Juvet	Overview and capabilities of IGM, a glacier evolution model boosted by deep-learning
	9:45	Lilian Schuster	Glacier projections sensitivity to temperature-index model and climate downscaling parameter calibration choices
	10:00	Livia Jakob	GlaMBIE – An intercomparison exercise of regional and global glacier mass changes
	10:15	Luc Beraud	Glacier-wide seasonal and annual geodetic mass balances from Pléiades stereo images of the Glacier d'Argentière, French Alps.
	10:30	Liss M. Andreassen	Changes of Jostedalsbreen - Norway's largest ice cap
	10:45-11:30		COFFEE BREAK
	11:30	Christoph Mayer	Snow, clouds and sun, the ingredients for extreme mass balance events
	11:45	Niklas Richter	Improving understanding of regional drivers of glacier surface energy balance
	12:00	Atsumu Ohmura	Alpine Glaciers in Changing Climate-especially on the role of longwave downwelling radiation
	12:15	Franziska Temme	Modelling Surface Mass Balance in the Furious Fifties: Monte Sarmiento Massif, Tierra del Fuego, Chile
	12:30	Samuel Nussbaumer	Long-term response of the mountain cryosphere to climate change – a comparative perspective of the Andes of central Chile and the European Alps
	12:45 - 14:00		Information - LUNCH
	14:00	Christian Sommer	Constraining regional glacier reconstructions using past ice thickness of deglaciating areas – a case study in the European Alps
	14:15	Johannes Reinthaler	Reconstructing the Little Ice Age glacier surface
	14:30	Aleksandra Osika	Fluctuations of glaciers in Svalbard from radiocarbon dating and numerical modeling
	14:45 - 15:15		COFFEE BREAK
	15:15	Nina Kirchner	Tarfala Research Station (TRS): Current Activities
	15:30	Federico Covi	Spatio-Temporal Variations of Blue Slush and Water Flow in the Percolation Zone of Greenland: the Role of Local Topography
	15:45	Oskar Herrmann	Out-of-the-box application of deeplearning for calving front detection.
	16:00	Hugo Rosseau	Modelling discontinuities in ice flow using a Material Point Method
	16:15 - 16:30		MINI BREAK
	16:30	Etienne Berthier	How summer 2022 affected Mont-Blanc glaciers. Observations from Pléiades and Pléiades Neo satellite stereo-images.
	16:35	Marco Giardino	Decade ablation and 2022 sudden collapses within the Miage debris-covered glacier (Mon Blanc)
	16:40	Kay Helfricht	The 2022 suspended sediment transport in glacier fed streams
	16:45	Lander van Tricht	UAV to measure the extreme 2021/22 balance season on the Morteratsch – Pers glacier complex
	16:50	Nicolas Eckert	Extreme value analysis of the 2022 crazy summer: insight from the Sarennes series
	16:55	Andrea Fischer	Monitoring extreme melt on glaciers and rock glaciers: How to be prepared
	17:00	Isabelle Gärtner-Roer	Surprising rockglacier velocities in the summer of 2022
	17:05 - 18:30		Information about Dinner - POSTERS
	19:00 onward		Dinner in Zürich

DATE	TIME	PERSON(S)	TITLE
Friday 10th February 2023	8:30	D. Farinotti, M. Lüthi, T. Shaw	General Information
	8:45	Saurabh Vijay	New initiatives to resolve lesser known glacier and glacial lakes change in the Indian Himalayas
	9:00	Marta Chiarle	The 2022 Marmolada Glacier failure in the framework of historical glacier instability in the Italian Alps
	9:15	Thomas Chen	Glacial lake outburst floods from 2017 to 2021: advances and obstacles
	9:30	Davide Fugazza	Documenting the demise of Forni Glacier from repeat UAV surveys 2014-2022
	9:45	Martin Rückamp	Modelling the future evolution of an alpine debris-covered glacier
	10:00	Michael Zemp	Temporal interpolation of glaciological mass-balance observations
	10:15-11:15		COFFEE BREAK with POSTERS
	11:15	Akash Patil	Improved volume-to-mass conversion of Alpine Glacier by new density scenarios
	11:30	Adrien Gilbert	Inferring the Basal Friction Law from long term observations of Glacier Length, Thickness and Velocity changes on an Alpine Glacier
	11:45	Samuel Cook	Alpine ice thickness estimation using deep-learning-driven emulation of Stokes
	12:00	Anuar Togaibekov	Rain-induced transient variations in glacier dynamics characterized by a continuous and dense GPS network at the Glacier d'Argentiére
	12:15	Mylène Jacquemart	Playing It Cool: A global englacial temperature database (glenglat)
	12:30	Juan Pedro Roldan Blasco	Deformation, creep enhancement and sliding in a temperate alpine glacier
	12:45-14:00		LUNCH
	14:00	Livia Permattei	Glacier elevation changes from spaceborne optical data using single and multi-DEM approaches
	14:15	Fanny Brun / RAGMAC WG1	Observing glacier elevation changes from spaceborne optical and radar sensors – lessons learned from an intercomparison experiment using ASTER and TanDEM-X data
	14:30	Noel Gourmelen	Global glacier mass balance and mass balance partitioning from radar altimetry
	14:45 - 15:45		COFFEE BREAK with POSTERS
	15:45	Roger Braithwaite	Record high glacier melting in the Alps Summer 2022 but summer temperatures were not as high as in 2003
	15:50	Aaron Cremona	Extraordinary melt rates for the Swiss glaciers in summer 2022: more than half of the average summer mass loss in only 25 days
	15:55	Bastien Ruols	Impressions from the field : our journey to Otemma.
	16:00	Lea Hartl	Summer 2022 at Jamtalferner, AT
	16:05	Annelies Voordendag	The glacier loss day as indicator for extreme glacier melt in 2022
	16:10	Enrico Mattea	Colle Gnifetti: giving the firn a wash
	16:15	Marit van Tiel	The downstream travel of the extreme glacier melt in 2022
	16:20	Matthias Huss	How it feels to witness the disappearance of a glacier
	16:25 - 16:35		CLOSING OF MEETING

26th AGM - 2023 - WSL -Switzerland - Poster Presentations

NUMBER	PRESENTER NAME		PRESENTATION TITLE
1	Dominik	Amschwand	The 2020-2022 surface energy balance of rock glacier Murtèl: the role of rain and snow.
2	Molly	Arndt	Using OGGM to determine the future of glacier runoff in La Paz, Bolivia
12	Jorge	Berkhoff	Thermal Regime of Glacial Lakes in the Exploradores Valley, Norther Patagonia Icefields, Chile.
24	Jordi	Bolibar	Functional Inversion of Glacier Rheology from Ice Velocities using ODINN.jl
25	Stefanie	Börsig	R-channel laboratory experiments: data evaluation and numerical simulations
34	Dagmar	Brombierstäudl	Aufeis in the Upper Indus Basin – Compilation of an inventory based on satellite imagery
35	Fanny	Brun	Investigating the recent changes of South Col Glacier (Everest region)
3	Pascal	Buri	On the importance of vapor fluxes for the water balance of a high elevation Himalayan catchment
13	Bo	Cao	Dynamic interactions between glacier and proglacial lake: a case study at a rapidly expanding proglacial lake in High Mountain Asia
47	Nicole	Clerx	Modelling lateral meltwater flow atop the Greenland Ice Sheet's near-surface ice slabs
48	Armin	Dachauer	Anomalous mass gain of a tidewater outlet glacier with rapidly thinning ice sheet margin in Greenland
36	Martina	Di Rita	High-resolution High-accuracy Orthophoto Map of Forni Glacier tongue from UAV photogrammetry
37	Theresa	Dobler	UAV (Unmanned Aerial Vehicle) and stake measurements to investigate the formation and development of crevasses on Vernagtferner.
14	Jessica	Droujko	Low-cost sensor network for suspended sediment monitoring: a proof-of-concept study on the Spöl river, Switzerland
38	Ines	Dussaillant	An annual mass balance estimate for each of the world's glaciers based on observations.
15	Taisiya	Dymova	Future evolution of the debris cover on the glaciers in the Northern Caucasus.
49	Olaf	Eisen	Greenland ice stream dynamics: short-lived and agile?
4	Yongmei	Gong	Glacier impacts On The Hydrological systems in Europe and Central Asia (GOTHECA)
5	Audrey	Goutard	Impact of the snow/rain transition on glacier mass balances over the 21st century : context and early results on the Zongo glacier (Bolivia).
50	Dominik	Gräff	Distributed Subsea Fiber-Optical Sensing along the Calving Front of a Greenlandic Tidewater Glacier
16	Annika	Granebeck	Life at Tarfala Research Station
39	Alexander Rapp	Groos	Mapping supraglacial debris thickness with UAVs
7	Matteo	Guidicelli	Spatio-temporal reconstruction of continuous snow water equivalent with a combined data assimilation and machine learning approach
17	Florian	Hardmeier	Emergence and development of the proglacial lakes of Witenwasserengletscher, Switzerland
51	Regine	Hock	Spatio-temporal variations in firn properties in the Greenland percolation zone
26	Martin	Hoelzle	New and old long-term permafrost boreholes in the Inner Tien Shan, Kyrgyzstan
52	Huw	Horgan	Subglacial drainage across Kamb Ice Stream's Grounding Zone, West Antarctica.

27	Mamta	K C	A Neural Network Emulator for Full-Stoke Glacier Flow
6	Arbindra	Khadka	Energy and mass balance of Mera glacier and its sensitivity to climate
40	Dilara	Kim	Sub-seasonal snowline dynamics of glaciers in Central Asia from multi-sensor satellite observations, 2000-2021
28	Johanna	Klahold	Drone-based glacier GPR data acquisition: a summary of the 2022 fieldwork season
41	Marin	Kneib	Remote sensing of avalanches on mountain glaciers
18	Astrid	Lambrecht	The relation of storage and discharge at Vernagtferner for different mass balance conditions
29	Lukas	Langhamer	Response of short-term fluctuation of ice flow, calving flux and glacier retreat on atmospheric forcing at Cordillera Darwin from 2015-2022
42	Andreas	Linsbauer	The New Swiss Glacier Inventory SGI2016: From a Topographical to a Glaciological Dataset
19	Debasmita	Majumder	Glacial Lakes Inventory for 4 Decades (1975-2021) in the Northern Part of Sikkim State of Indian Himalayan Region
43	Evan	Miles	Mapping debris covered glacier hotspots at the regional scale
20	Marcus	Nüsser	Cryosphere changes and local adaptation strategies: socio-hydrological case studies from the Trans-Himalaya of Ladakh, India
30	Boris	Ouvry	Development of supraglacial meltwater streams and their influence on the morphology of debris-covered glacier surfaces
44	Frank	Paul	Glacier extents in Peru and Bolivia are overestimated In RGIv6 by 25%
31	Vincent	Peyaud	Modeling Mont-Blanc glaciers dynamics
8	Susanne	Schmidt	Seasonal Variability and Long-term Changes of the Cryosphere in the Trans-Himalaya of Ladakh, India
21	Mohd	Soheb	Glacier Change and its socio-hydrological dimensions in Ladakh, India
53	Ladina	Steiner	Combined GNSS reflectometry/refractometry for continuous in situ surface mass balance estimation on an Antarctic ice shelf
32	Darrel A.	Swift	Ice-bed stabilising feedbacks at Findelengletscher, Switzerland, and their significance for drainage system structure and recent (post-2016) terminus retreat
45	VIJAYA KUMAR	THOTA	Feasibility of using Sentinel-1 data for resolving ice velocity of glaciers in High Mountain Asia
9	Lizz	Ultee	Glacier model dependence of 21st century glacial runoff projections
33	Ivan	Utkin	Coupled thermo-hydro-mechanical modeling of polythermal glaciers
54	Marijn	van der Meer	Deep Learning Regional Climate Model Emulators: a 2 comparison of two downscaling approaches over the 3 Antarctic Peninsula
10	Anouk	Volery	Spatio-temporal variability of bare-ice albedo of glaciers in Central Asia and its link to mass balance
22	Jane	Walden	Investigating the impact of glacier retreat on slope instabilities in southern Alaska
23	Will	Wenban	The importance of icefalls
46	Rory	White	Repeated UAV photogrammetry of three collapse features at Oberaargletscher, Switzerland - August 2022.
11	Harry	Zekollari	How do various types of mass balance observations affect modelled future glacier evolution?