ONLINE

Nom	Organisation	Titre	Start	End	Duration	Sum
25 November 2025						
Welcome and registration (ice-breaker - GEOPOLIS)			18:00	20:00		
26 November 2025						
Welcome and registration			8:00	8:30		
		Opening	8:30	8:45		
Session 1: Large rock slope instability characterization in the context of climate changes (M.-H. Derron & Ch. Wolff)						
Dr. Christophe Lambiel	*Institute of Earth Surface Dynamics, Unil Lausanne*	Permafrost degradation in high mountain rock slopes and its role in the Blatten disaster	8:45	9:10	0:25	
Prof. Reginald. L. Hermanns	*NTNU and senior researcher at the Geological Survey of Norway*	Knowns and unknowns in assessing the impacts of climate change on rock slope failures in the Norwegian Arctic and sub-Arctic and implications for hazard assessment	9:10	9:35	0:25	
Dr. Ivanna Penna	*Ramboll, Norway*	Permafrost and large unstable rock slopes: Controls on Displacement Rates in Norway	9:35	10:00	0:25	
Prof. Dr. Þorsteinn Sæmundsson	*University of Iceland & President of the Geoscience Society of Iceland*	Glacial lake outburst flood hazards, a perspective from Iceland	10:00	10:25	0:25	**1:40**
		Coffee break	10:25	10:55	0:30	**0:30**
Sergio A. Sepúlveda	*Simon Fraser University*	Rainfall-induced rock slope failure controlling factors in deglaciated mountain settings	10:55	11:10	0:15	
Simon C. Cox	*Earth Sciences New Zealand*	Acceleration of landscape change in the Southern Alps of New Zealand during the past decade	11:10	11:25	0:15	
Ingrid Skrede	*Norwegian Water Resources and Energy Directorate*	Forecasting Challenges in Snowmelt-Driven Rock Slope Instability: Insights from Indre Nordnes, Northern Norway	11:25	11:40	0:15	
Session 2: Large rock slope instability characterization case study and hazard assessment (L. Blikra & J. Aaron)						
Prof. Masahiro Chigira	*Fukada Geological Institute Tokyo*	Detection and evaluation of possible catastrophic landslides	11:40	12:05	0:25	
Prof. Federico Agliardi	*University of Milano-Bicocca*	Spatial and temporal dimensions of the slow to fast transition of large rock slope failures	12:05	12:30	0:25	
Manconi Andrea	*WSL Institute for Snow and Avalanche Research SLF*	Is PS Interferometry the right tool for early detection of slope acceleration? Insights from the Swiss Alps and the Himalaya	12:30	12:45	0:15	
Simon Löw, Prof. em.	*ETH Zurich*	Landslide Hazards in the Himalaya of Bhutan	12:45	13:10	0:25	**2:15**
		Lunch	13:10	14:25	1:15	**1:15**
Prof. Gonghui Wang	*Research Center for Landslide Risk Cognition and Reduction, DPRI, Kyoto University, Uji, Kyoto, Japan*	Large-Scale Landslides on Surprisingly Gentle Slopes: Lessons from Recent Earthquakes in Japan (Online presentation)	14:25	14:50	0:25	
Martina Böhme	*Geological Survey of Norway*	Towards a national overview for rock avalanche potential	14:50	15:15	0:25	
Jacob Bendle	*Geological Survey of Norway*	A new national inventory of past rock avalanches in Norway	15:15	15:30	0:15	
Prof. Marc-André Brideau	*BGC and adjunct Prof. at Simon Fraser University, Canada*	Uncertainties in displacement data and failure surface properties for large rock slope hazard characterization (Online presentation)	15:30	15:55	0:25	
		Coffee break	15:55	16:25	0:30	**0:30**
Poster Pico 7 minutes (I. Manzella & E. Larose)			16:25	16:32	0:07	
Amalia Gutiérrez	*Risk-group - UNIL*	An inventory of historical and geological rock avalanches in the canton of Vaud, Switzerland	16:32	16:39	0:07	

Christine Borchsenius	*Department of Geosciences, UiT The Arctic University of Norway*	Structural Analysis and 3D Modeling of the Unstable Rock Slope Area Berrføtlene, Sogndal Municipality, Norway	16:39	16:46	0:07	
Andreas Aspaas	*The Njord Centre, Departments of Geosciences and Physics, University of Oslo, 0316, Oslo, Norway*	Unveiling the role of seepage forces in the acceleration of landslide creep	16:46	16:53	0:07	
Shobhana Lakhera	*Risk-group - UNIL*	Remote Sensing and Geomorphological Approaches for Identifying Ancient Landslide Failures in and around Joshimath town	16:53	17:00	0:07	
Ruoshen Lin	*Risk-group - UNIL*	Machine Learning Analysis of Controlling Parameters in Rock Avalanche Propagation	17:00	17:07	0:07	
Suet-Yee Au	*National Taipei University of Technology*	Innovative Segmented Multi-Temporal InSAR for Enhanced Monitoring of Deep-Seated Gravitational Slope Deformation: What We Learnt from the 2016 Hongye Landslide in Taiwan	17:07	17:14	0:07	
Chen Tsung Ting	*Institute of Mineral Resources Engineering, National Taipei University of technology,*	Integrated InSAR and Multi-Temporal LiDAR for Slope Hazard Forecasting: Lessons from the 2024 Hualien Earthquake and Pathways to Resilience in the Taroko Area, Taiwan	17:14	17:21	0:07	
Dominik May	*Bern University of Applied Science (BFH-HAFL)*	Towards improved estimation of the energy line angle for runout prediction of rock mass movements	17:21	17:28	0:07	
Yanbin Wu	*Zhejiang University*	Unified Flow Rule of Undeveloped and Fully Developed Dense Granular Flows down Rough Inclines	17:28	17:35	0:07	
Kammholz Johann	*Institute for Geotechnical Engineering, ETH Zurich, SLF Davos and CERC Davos, Switzerland,*	From Brienz to Blatten: Depth-Averaged Particle Modeling of Alpine Mass Flows	17:35	17:42	0:07	
Zenan Huo	*Risk-group - UNIL*	Advancing the Predictive Capability of Landslide Simulations Using the High-Resolution Three-Dimensional Material Point Method	17:42	17:49	0:07	**1:24**
Apero			18:00	19:00		
Dinner			19:30	23:00		

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Session 3: Failure and modelling of large rock slope prone to trigger rock avalanches (R. Hermanns & J. Dehls)						
Prof. Véronique Merrien	*CNAM, Paris*	Modelling the large landslides	8:30	8:55	0:25	
Corinne Singeisen	*GEOTEST AG*	Geological Modeling and Hazard Assessment for the Spitze Stei Rock Slope Instability in Kandersteg, Switzerland	8:55	9:10	0:15	
Session 4: Characterizing the high mobility rock, ice, debris avalanches (R. Hermanns & J. Dehls)						
Dr. Alexander Strom	*Research institute of Energy Structures – branch of JSC "Hydroproject institute", Moscow, Russia*	Rock avalanche mobility – what is its optimal characteristics? (Oline presentation)	9:10	9:35	0:25	
Dr Ivo Baroň	*Institute of Rock Structure and Mechanics, the Czech Academy of Sciences, Czech Republic*	Rapid deep-seated slope failures in different paleoclimate: coseismic or rainfall induced? Insights from the Outer Western Carpathians	9:35	10:00	0:25	**1:30**
		Coffee break	10:00	10:30	0:30	**0:30**
Prof. Wei HU	*Chengdu university of technology, China*	The hypermobility of rock avalanche, insights from experimental study	10:30	10:55	0:25	
Prof. Fawu Wang	*Tongji University, China*	Friction behavior of giant rockslides considering temperature effects and impact loading effects	10:55	11:20	0:25	
Prof. Sabatino Cuomo	*University of Salerno, Italy*	Volume amplification in debris avalanches induced by rainfall	11:20	11:45	0:25	
Prof. Irene Manzella	*University of Twente, Netherlands*	From lab bench to smart slopes: an interdisciplinary journey studying Rock Avalanches and their impacts	11:45	12:10	0:25	**1:40**
		Lunch	12:10	13:25	1:15	**1:15**
Session 5: Modelling large rock, ice, debris avalanches (M. Chigira& Ivo Baroň)						
Prof. Johan. Gaume	*ETHZ, SLF*	Towards a predictive 3D model for alpine mass movements: Insights from recent events in the Swiss Alps	13:25	13:50	0:25	
Dr Shiva Pudasaini	*TU Munchen, Germany*	Thermo-hydro-mechanics of multi-phase rock-ice avalanche	13:50	14:15	0:25	
Yidong Zhao	*ETH Zurich, SLF*	Efficient Multiphase Modelling of Large-Scale Landslides on Complex 3D Terrains	14:15	14:30	0:15	
Hervé Vicari	*Institute for Snow and Avalanche Research SLF and ETH Zurich*	Measuring the unmeasurable? Geotechnical and remote sensing investigations of landslides	14:30	14:45	0:15	
Prof. Anne Mangeney	*Institut de Physique du Globe de Paris, Université Paris Cité*	How to use seismic waves to get information on landslide characteristics (Online presentation)	14:45	15:10	0:25	
Charlotte Wolff	*Risk-group - UNIL*	How to deal with rock avalanches models to predict hazard zone: the case of Blatten as a back-analysis	15:10	15:25	0:15	
		Coffee break	15:25	15:55	0:30	**0:30**
Prof. Jordan Aaron	*ETH Zürich*	New insights into the failure and runout of rock slopes derived from field observations and numerical modelling	15:55	16:20	0:25	
Prof. Guillaume Jouvet	*Institute of Earth Surface Dynamics, University of Lausanne*	Modeling the Collapse of Birch Glacier Using Damage Mechanics	16:20	16:35	0:15	**3:10**
Session 6: Monitoring techniques and risk assessment (L. Kristensen & M. Böhme)						
Dr. Mario Lovisolo	*C.S.G. S.r.l., Italy*	DMS® multi-parametric columns for subsurface monitoring	16:35	17:00	0:25	
Andreas Alexander	*Norwegian Water Resources and Energy Directorate*	Rockslide monitoring in Norway: technical status, key challenges and future opportunities	17:00	17:15	0:15	
Laura Piho	*Tallinn University of Technology*	Airdrop sensors - a concept for in situ monitoring of highly active, hazardous slopes	17:15	17:30	0:15	
Ólafur Stitelmann	*Geoprevent*	Warning and alarming system at the Simplon Pass	17:30	17:45	0:15	**1:10**

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Session 6 bis: Monitoring techniques and risk assessment by remote sensing (Davide Bertolo & V. Merrien)						
Dr. Tazio Strozzi	*Gamma Remote Sensing, Switzerland*	Advantages and limitations of SAR interferometry for large rock instabilities	8:30	8:55	0:25	
Dr. John Dehls	*Senior geologist at the Geological Survey of Norway*	From Norway to the World: Expanding Ground Motion InSAR for Landslide Hazard Assessment	8:55	9:20	0:25	
Dr. Jean-Philippe Malet	*CNRS / Université de Strasbourg / EOST – France*	The OMIV Legacy: Two Decades of Multi-Instrumental Insights into Large Landslide Kinematics	9:20	9:45	0:25	
Carlo Rivolta	*Ellegi srl, Italy*	Two decades of examples and cases of long-term natural hazards GBInSAR monitoring under climate change	9:45	10:10	0:25	
Coffee break			10:10	10:40	0:30	**0:30**
Dr. Eric Larose	*CNRS and geophysicist at Grenoble Alpes University, France*	Seismic monitoring of large rock instabilities	10:40	11:05	0:25	2:35
Corey Froese	*Wavelength Advisory Services - Canada*	Remote-sensed detection and characterization of the St. Cyr Rockslide, British Columbia, Canada	11:05	11:30	0:25	
Session 7: Risk management and crisis management (L. Dorren & C. Froese)						
Maxence Carrel	*Geoprevent*	Monitoring of the Kleines Nesthorn with radar and camera systems	11:30	11:55	0:25	
Guillaume Favre-Bulle	*Natural hazards service of the canton of Valais*	The catastrophic 2025 landslide in Blatten (Switzerland) from an integrated risk management point of view	11:55	12:20	0:25	
Lars Harald Blikra	*The Norwegian Water Resources and Energy Directorate - NVE*	History, status and future development of monitoring and risk reduction related to unstable rockslopes in Norway	12:20	12:45	0:25	
Dr Davide Bertolo	*Aosta Valley Regional Geological Survey, Italy*	From Monitoring to Decision Making: Integrated Management of the Mont de La Saxe Landslide (Courmayeur, Italy)	12:45	13:10	0:25	1:40
Lunch			13:10	14:25	1:15	**1:15**
Dr. Lene Kristensen	*The Norwegian Water Resources and Energy Directorate - NVE*	Do we monitor the most critical slopes? Recent Norwegian cases and response	14:25	14:50	0:25	
Dr. Thierry Oppikofer	*Terranum, Switzerland*	Regional scale susceptibility map for rock avalanches and consequences-based prioritization for follow-up activities	14:50	15:15	0:25	0:50
Coffee break			15:15	15:45	0:30	**0:30**
Dr. Felix Seidel	*ETH Swiss GeoLab*	Presentation of the ETH Swiss GeoLab	15:45	15:55		
Roundtable on forecasting in a changing climate, risk and crisis management (M. Jaboyedoff)			16:00	17:40		
Closure			17:40	17:50		