26 November 2025

Welcome and registration		8:00
	Opening	8:30
Session 1: Large rock slope instability characterization in the context of climate changes (M.-H. Derron & Ch. Wolff)		
Dr. Christophe Lambiel	Permafrost degradation in high mountain rock slopes and its role in the Blatten disaster	8:45
Prof. Reginald. L. Hermanns	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
Dr. Ivanna Penna	Permafrost and large unstable rock slopes: Controls on Displacement Rates in Norway	9:35
Prof. Dr. Þorsteinn Sæmundsson	Glacial lake outburst flood hazards, a perspective from Iceland	10:00
Coffee break		10:25
Sergio A. Sepúlveda	Rainfall-induced rock slope failure controlling factors in deglaciated mountain settings	10:55
Simon C. Cox	Acceleration of landscape change in the Southern Alps of New Zealand during the past decade	11:10
Ingrid Skrede	Forecasting Challenges in Snowmelt-Driven Rock Slope Instability: Insights from Indre Nordnes, Northern Norway	11:25
Session 2: Large rock slope instability characterization case study and hazard assessment (L. Blikra & J. Aaron)		
Prof. Masahiro Chigira	Detection and evaluation of possible catastrophic landslides	11:40
Prof. Federico Agliardi	Spatial and temporal dimensions of the slow to fast transition of large rock slope failures	12:05
Manconi Andrea	Is PS Interferometry the right tool for early detection of slope acceleration? Insights from the Swiss Alps and the Himalaya	12:30
Simon Löw, Prof. em.	Landslide Hazards in the Himalaya of Bhutan	12:45
Lunch		13:10
Prof. Gonghui Wang	Large-Scale Landslides on Surprisingly Gentle Slopes: Lessons from Recent Earthquakes in Japan (Online presentation)	14:25
Martina Böhme	Towards a national overview for rock avalanche potential	14:50
Jacob Bendle	A new national inventory of past rock avalanches in Norway	15:15
Prof. Marc-André Brideau	Uncertainties in displacement data and failure surface properties for large rock slope hazard characterization (Online presentation)	15:30
Coffee break		15:55
Poster Pico 7 minutes (I. Manzella & E. Larose)		16:25
Amalia Gutiérrez	An inventory of historical and geological rock avalanches in the canton of Vaud, Switzerland	16:32
Christine Borchsenius	Structural Analysis and 3D Modeling of the Unstable Rock Slope Area Berrføtlene, Sogndal Municipality, Norway	16:39
Andreas Aspaas	Unveiling the role of seepage forces in the acceleration of landslide creep	16:46
Shobhana Lakhera	Remote Sensing and Geomorphological Approaches for Identifying Ancient Landslide Failures in and around Joshimath town	16:53
Ruoshen Lin	Machine Learning Analysis of Controlling Parameters in Rock Avalanche Propagation	17:00
Suet-Yee Au	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
Chen Tsung Ting	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
Dominik May	Towards improved estimation of the energy line angle for runout prediction of rock mass movements	17:21
Yanbin Wu	Unified Flow Rule of Undeveloped and Fully Developed Dense Granular Flows down Rough Inclines	17:28
Kammholz Johann	From Brienz to Blatten: Depth-Averaged Particle Modeling of Alpine Mass Flows	17:35
Zenan Huo	Advancing the Predictive Capability of Landslide Simulations Using the High-Resolution Three-Dimensional Material Point Method	17:42
Apero		18:00
Dinner		19:30

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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	Modelling the large landslides	8:30
Corinne Singeisen	Geological Modeling and Hazard Assessment for the Spitze Stei Rock Slope Instability in Kandersteg, Switzerland	8:55
Session 4: Characterizing the high mobility rock, ice, debris avalanches (R. Hermanns & J. Dehls)		
Dr. Alexander Strom	Rock avalanche mobility – what is its optimal characteristics? (Oline presentation)	9:10
Dr Ivo Baroň	Rapid deep-seated slope failures in different paleoclimate: coseismic or rainfall induced? Insights from the Outer Western Carpathians	9:35
	Coffee break	10:00
Prof. Wei HU	The hypermobility of rock avalanche, insights from experimental study	10:30
Prof. Fawu Wang	Friction behavior of giant rockslides considering temperature effects and impact loading effects	10:55
Prof. Sabatino Cuomo	Volume amplification in debris avalanches induced by rainfall	11:20
Prof. Irene Manzella	From lab bench to smart slopes: an interdisciplinary journey studying Rock Avalanches and their impacts	11:45
	Lunch	12:10
Session 5: Modelling large rock, ice, debris avalanches (M. Chigira& Ivo Baroň)		
Prof. Johan. Gaume	Towards a predictive 3D model for alpine mass movements: Insights from recent events in the Swiss Alps	13:25
Dr Shiva Pudasaini	Thermo-hydro-mechanics of multi-phase rock-ice avalanche	13:50
Yidong Zhao	Efficient Multiphase Modelling of Large-Scale Landslides on Complex 3D Terrains	14:15
Hervé Vicari	Measuring the unmeasurable? Geotechnical and remote sensing investigations of landslides	14:30
Prof. Anne Mangeney	How to use seismic waves to get information on landslide characteristics (Online presentation)	14:45
Charlotte Wolff	How to deal with rock avalanches models to predict hazard zone: the case of Blatten as a back-analysis	15:10
	Coffee break	15:25
Prof. Jordan Aaron	New insights into the failure and runout of rock slopes derived from field observations and numerical modelling	15:55
Prof. Guillaume Jouvet	Modeling the Collapse of Birch Glacier Using Damage Mechanics	16:20
Session 6: Monitoring techniques and risk assessment (L. Kristensen & M. Böhme)		
Dr. Mario Lovisolo	DMS® multi-parametric columns for subsurface monitoring	16:35
Andreas Alexander	Rockslide monitoring in Norway: technical status, key challenges and future opportunities	17:00
Laura Piho	Airdrop sensors - a concept for in situ monitoring of highly active, hazardous slopes	17:15
Ólafur Stitelmann	Warning and alarming system at the Simplon Pass	17:30

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