

Wednesday 12 July, presenters in attendance 17:00-18:30		
C01 - Advances in Modelling Glaciers and Ice Caps – Past Reconstructions, Future Projections, and Process-Based Studies		
James, Megan	C01p-003	Quantifying parametric uncertainty in global-scale projections of glacier mass change: An ensemble approach
Kreynen, Dylan	C01p-005	Svalbard's surges in a large-scale glacier evolution model
Reinthaler, Johannes	C01p-006	On the uncertainties of methods used to reconstruct LIA glacier surfaces
Temme, Franziska	C01p-008	Simulation of surface mass balance in the Cordillera Darwin, Tierra del Fuego, Chile
Werner, Helen	C01p-009	Impact of spatial resolution on large-scale ice cover modeling of mountainous regions
C02 - Glacier Changes in High Mountain Asia and the Karakoram Anomaly: Latest Insights From the Atmosphere and Cryosphere		
Fugger, Stefan	C02p-010	The future of a glacierized Amu Darya headwater catchment
Jouberton, Achille	C02p-011	On the representation of precipitation phase and its impact on glacier changes in HMA catchments
C06 - New Frontiers in Paleoclimate Reconstructions and Proxy Interpretations From Ice Cores		
Harris Stuart, Romily	C06p-014	Towards an understanding of the controls on $\delta O_2/N_2$ variability in ice core records
Khairidinova, Aleksandra	C06p-015	Characteristics of dust deposition recorded in ice cores at the Caucasus mountains
Vorobyev, Mstislav	C06p-016	The history of atmospheric aerosol emission based on Elbrus ice cores data
C08 - Challenges in Modeling, Monitoring and Predicting Alpine Mass Movements		
Acharya, Anushilan	C08p-017	Overview on snow and ice avalanches in High Mountain Asia (HMA)
C10 - Satellite-Derived Snow Cover Products and Their Applications in Hydrology		
Boisvert-Vigneault, Érika	C10p-022	Evaluating the surface density and the spatial variability of the Arctic snow cover using a frequency-modulated continuous wave (FMCW) radar
Wiersma, Pau	C10p-023	Using synthetic snow cover maps to determine the daily degree-day snowmelt factor of a distributed hydrological model
C11 - Light Absorbing Particles on Snow and Ice		
Jörss, Anna-Marie	C11p-025	Black carbon snow sample analysis collected during the MOSAIC expedition
Koivusalo, Taru	C11p-027	The optical properties of volcanic dust particles and their effects on the Arctic environment
Robledano Perez, Alvaro	C11p-028	Exploring the impact of dust-snow mixing structures on snow optical properties with a ray-tracing model
JC01 - Remote Sensing of the Cryosphere (IACS, IAHS)		
Bayer, Courtney	JC01p-101	Determining seasonal flow of Hubbard Glacier: A comparison of RADARSAT Constellation Mission with Sentinel-1, TerraSAR-X and RADARSAT-2 derived velocities
Yang, Wentao	JC01p-111	Daily landscape freeze/thaw state detection using spaceborne GNSS-R data in Qinghai-Tibet Plateau
JH02 - Advances in Snow Hydrology (IAHS, IACS)		
Fontrodona-Bach, Adrià	JH02p-134	Are snowmelt rates becoming faster or slower? An interplay between snow accumulation, snowmelt days, snowmelt timing, and temperature
Scheidt, Katharina Theresa	JH02p-135	Improving the estimation of evapotranspiration from seasonal snow in the Mediterranean mountains of Sierra Nevada (Spain)
Friday 14 July, presenters in attendance 17:00-18:30		
C13 - Data Driven Cryospheric Sciences: Machine Learning, Data Assimilation and Inverse Methods for the Cryosphere		
Bagherzadeh, Faramarz	C13p-016	Ice core microstructure segmentation with deep neural networks
Chen, Yueli	C13p-020	Retrieval of freeze/thaw-cycles using remote sensing data with deep learning approach in western Nunavik (Québec, Canada)
Koch, Moritz	C13p-021	Reconstructing glacier ice thickness of major Patagonian outlet glaciers
Richter, Niklas	C13p-024	Improving understanding of regional drivers of glacier surface energy balance
JC02 - Declining Glacier, Snow Cover and Permafrost and Their Impacts on Downstream Hydrology (IACS, IAHS, IAG)		
Goldau, Maybrit	JC02p-395	Variability and drivers of the onset and duration of active layer freeze-back in permafrost soils at the Lena Delta, Siberia
Herrera, Ramón	JC02p-396	Structural glaciology of a small mountain glacier: Nevados de Chillán, Chile.
Schuster, Lilian	JC02p-397	Consequences of overshooting the Paris temperature targets for global glacier runoff
JG01 - Interactions of the Solid Earth With Ice Sheets and Sea Level (IAG, IACS, IASPEI)		
Askey-Doran, Niam	JG01p-070	Approaches to constraining East Antarctic rheology using seismic measurements from isolated stations
JP06 - Electromagnetic Studies of the Ice and Ocean System (IAPSO, IACS, IAGA)		
Nymand, Niels	JP06p-398	Ice crystal orientation fabric derived from microwave anisotropy at the Northeast Greenland Ice Stream
Saturday 15 July, presenters in attendance 17:00-18:30		
C09 - Mountain Snow Cover Under Climate Change: From Past to Future		
Monrad-Krohn, Lukas J.	C09p-208	Will Juvfonne disappear or prevail? Atmospheric influences on snow accumulation and ablation on an ice patch in southern Norway
Van Der Schot, Jorrit	C09p-211	Evaluating state-of-the-art climate models' ability to simulate spatio-temporal patterns of seasonal snow cover in coastal Greenland
Yu, Yang	C09p-212	Numerical simulation of Preferential Deposition of Snow over 3D-hills
Yue, Peng	C09p-213	The formation and release mechanism of dry snow slab avalanche
JC03 - Coupling Processes Between the Atmospheric Boundary-Layer and Snow - Ice Surfaces: Modelling at Convection and Snowdrift-Permitting Scales (IACS, IAHS, IAMAS)		
Howe, Leam	JC03p-253	Downscaling of meteorological variables by machine learning for driving models at snowdrift-permitting scales
JC04/C15 - Atmospheric Circulations and Surface Mass Balance of Ice Sheets (IACS, IAMAS) /Progress in Quantifying Ice-Sheet Surface Mass Balance: Past, Present and Future		
Bruschi, Federica	JC04p-256	Chemical characterization of Arctic resuspended soils using trace elements and Sr and Pb isotope ratios
Lauritzen, Mikkel	JC04p-259	The influence of inter-annual temperature variability on the Greenland ice sheet
JC06 - Mountain Cryosphere Hazards (IACS, IAVCEI, IASPEI)		
Cathala, Maëva	JC06p-262	Triggering and runoff conditions of two rock slope failures in the French Alps: Vallon d'Étache and Crête des Grangettes
Singh, Divya	JC06p-265	Glacial Lake Inventory of Kinnaur District, Himachal Pradesh, India derived from Landsat images
JM02 - Tropical-Polar Interactions, Arctic Amplification and its Influence on Midlatitude Weather (IAMAS, IACS, IAPSO)		
Chentao, Song	JM02p-294	Quantitative modeling of the impact of tropical teleconnection on Antarctic sea ice
Hoeschel, Ines	JM02p-295	Modulation of the atmospheric energy transport to the Arctic by surface conditions and greenhouse gas concentrations
Man, Kai	JM02p-297	Impact of IPO and AMO on Surface Mass Balance Trend in West Antarctica during 1980-2010
Sunday 16 July, presenters in attendance 17:00-18:30		
C03 - Debris Covered Glaciers		
Brown, Grace	C03p-188	Supraglacial carbon flux during two ablation seasons at Miage Glacier, Italy
Chowdhury, Annabelle	C03p-189	Quantification of glacier kinematics by the use of Sentinel-1 data – a spatio-temporal analysis of GLOF-related glacier surface velocity parameters
Groeneveld, Lars	C03p-191	DebDab: A database of supraglacial debris thickness and physical properties
Melo Velasco, Vincente	C03p-193	The importance of local debris properties to model the energy balance and ablation of a debris-covered glacier: Pirámide Glacier, Chile
Singh, Pawan	C03p-194	Ice cliff ablation rates from hourly to daily time scales: a case study from Machoi glacier, western Himalayas
Wetterauer, Katharina	C03p-195	Rockwall erosion rates at five adjacent Swiss valley glaciers derived from cosmogenic ^{10}Be in medial moraines around Pigne d'Arolla
C04 - Fast Glacier Flow: Processes, Observations and Modelling of Ice Streams, Tidewater Glaciers and Surging Glaciers		
De Pinho Dias, Nicolas	C04p-197	Computation Fluid Dynamics based model for a better prediction of fluid forces acting on iceberg capsizes
Loebel, Erik	C04p-198	Calving front monitoring at sub-seasonal resolution: a deep learning application reveals new insights into the dynamics of Greenland outlet glaciers
C14 - Cryospheric Processes and Related Socioeconomic Impacts		
Hao, Hairui	C14p-216	Assessed the variation of sea ice radiative forcing over the Arctic region from 1982 to 2100 and estimated the cost
JS01 - Cryoseismology (IASPEI, IACS, IAG)		
Wetter, Selina	JS01p-067	Iceberg Calving in Greenland: Understanding the Dynamics through Seismic Data Analysis and Machine Learning