

Time	Monday, June 22nd	Tuesday, June 23rd	Wednesday, June 24th	Thursday, June 25th	Friday, June 26th
9:00	IGS Opening	A. Fountain: "Fractures as conveyors of englacial water flow." #72A1766	C. Miège: "Spatial extent and temporal variability of the Greenland firm aquifer detected by ground and airborne radars" #72A1695	O. Gagliardini: "Coupling of basal hydrology and basal sliding within Elmer/Ice" #72A1662	J. Szilo: "Spatial distribution changes of land based glaciers and calving processes of tidewater glaciers in Admiralty Bay (King George Island, Antarctica), based upon satellite images since 1995" #72A1759
9:20	M. Hoffman: "The role of isolated drainage in the seasonal evolution of the Greenland subglacial hydrologic system" #72A1666	A. H. Jarosch: "Heat transfer in englacial channels: new insights from explicit numerical simulations of turbulent flow." #72A1732	S. Ligtenberg: "Modelling heterogeneous meltwater percolation on the Greenland Ice Sheet" #72A1698	A. Smith: "Water-saturated sediments beneath Pine Island Glacier, West Antarctica" #72A1720	A. Black: "A multi-sensor approach to continuous monitoring of a glacier outflow channel: Virkisa River, SE Iceland" #72A1714
9:40	T. Meierbachtol: "In-situ constraints on the relationship between basal water flux, water pressure, and ice velocity from borehole experiments in western Greenland." #72A1686	B. de Fleurian: "Benchmark experiments for the comparison of subglacial hydrological models." #72A1733	L. Braun: "Mass balance and ice dynamics on the northern slope of Myrdalsjökull, Iceland" #72A1719	D. Vallot: "Spatial and temporal evolution of basal friction coefficients inferred from surface horizontal velocities and comparison to surface water production in Kronebreen, Svalbard" #72A1701	N. Karlsson: "Basal Conditions of the Greenland Ice Sheet from Internal Layering in Radio Echograms" #72A1738
10:00	J. Graly: "Discharge and hydrochemistry of an outlet of the Greenland Ice Sheet" #72A1703	P. Lefevre: "Direct monitoring of the subglacial system: how does it differ from borehole measurements?" #72A1685	U. Herzfeld: "Crevasses and supraglacial water as indicators of surge progression: A data analysis perspective" #72A1767	Q. Liu: "Heterogeneous status of glacial ice-contacted lakes in the Central Himalayas" #72A1663	L. Mingo: "A stationary ice-penetrating radar system for detection of transient glacio-hydraulic conditions" #72A1745
10:20	Coffee	Coffee	Coffee	Coffee	Coffee
10:50	K. Lindbäck: "A comparative study of subglacial and supraglacial hydrology for the Kangerlussuaq sector, West Greenland" #72A1751	L. Stachnik: "Accumulation season activity of the subglacial drainage system of Werenskiöldbreen, Svalbard: An analysis of glacier-derived naledi based on GPR/dGPS surveying and water chemistry" #72A1761	S. Buzzard: "Mathematical Modelling of Melt Lake Formation on an Ice Shelf" #72A1670	T. Kyrke-Smith: "Subglacial hydrology as a control on emergence, scale and spacing of ice streams" #72A1706	J. Arundson: "Seasonality of glacier-sediment interactions at Taku Glacier, Alaska" #72A1676
11:10	L. A. Stevens: "Seasonal ice-flow variability surrounding three Greenland rapid supraglacial lake drainages" #72A1752	M. Jackson: "Periodic seismic events and stick-slip glacier motion at Svartisen, northern Norway." #72A1775	S. Bevan: "Melt-pond formation on the Larsen C Ice Shelf, Antarctica" #72A1725	T. Perot: "Subglacial hydrology has a control on ice stream margins: the role of pore pressure distribution and basal strengthening." #72A1697	I. Benediktsson: "Progressive formation of drumlins within the active drumlin field of Múlaþjökull, surge-type glacier, Iceland" #72A1735
11:30	A. Banwell: "Subglacial drainage at Paakitsoq, west Greenland: Insights from two hydrological models" #72A1730	M. Fernandes: "Röthlisberger channel model in ice stream shear margins and mountain glaciers accounting for anti-plane shear loading and undehforming bed" #72A1760	M. Leppäranta: "Heat balance of supraglacial lakes in the western Dronning Maud Land" #72A1665	C. Elsworth: "A virtual laboratory for understanding shear margin dynamics" #72A1763	N. Iverson: "A model of drumlin growth at Múlaþjökull, Iceland, based on contrasting subglacial hydrology in its quiescent and surging states" #72A1690
11:50	Jökulhlaups in Iceland and a video of the Gjálp eruption and the enormous jökulhlaup from Grímsvötn in 1996	D. Brinkerhoff: "Parameter estimation with a lumped model of subglacial hydrology" #72A1694	S. Marchenko: "Spatial and temporal patterns of firm temperature evolution at Lomonosovfonna, Spitsbergen, during summer 2012-2014" #72A1774	J. Platt: "Stress and strength immediately adjacent to a subglacial drainage channel in an ice stream shear margin" #72A1710	S. Jonsson: "Submarginal drumlin formation at Fláajökull, Iceland." #72A1722
12:10		D. Benn: "The view from the bed: insights into subglacial drainage systems from ice caving" #72A1773	H. Jiskoot: "Spatio-temporal Character of Fog on Arctic Glaciers from Time-lapse Photography" #72A1737	S. Child: "An exploratory investigation of basal crevasses on Byrd Glacier, East Antarctica" #72A1762	F. Beaud: "Numerical modelling of bedrock erosion by sediment-transporting subglacial water" #72A1741
12:30	Lunch	Lunch	Lunch	Lunch	Lunch
14:00	A. Rennermalm: "Spatial variation of Greenland ice sheet meltwater export inferred from river discharge observations" #72A1712	S. Goeller: "Assessing the subglacial lake coverage of the Antarctic Ice Sheet" #72A1723	Mid Week Excursion @ 14:00	M. Truffer: "Tributary interaction during speed-up events of Black Rapids Glacier" #72A1707	E. King: "The role of water in actively-forming subglacial landforms using geophysical data from Rutford Ice Stream, Antarctica." #72A1702
14:20	A. Rivera: "Negative mass balance and high discharge from glaciers in the Central Andes of Chile" #72A1776	C. Dow: "Applying GlaDS hydrology model to analysis of sub-Antarctic lakes" #72A1705		T. Dunse: "Hydraulic controls on the thermal surge mechanism? Direct velocity measurements from Basin-3, Austfonna, Svalbard, during surge initiation." #72A1699	R. Storrar: "Is subglacial channel spacing dictated by meltwater flux and the hydrogeology of the substrate? Evidence from Canadian eskers" #72A1677
14:40	S. Kaspari: "The Role of Light Absorbing Impurities in Accelerating Glacier Melt in Washington State, USA" #72A1680	I. Willis: "Drainage networks, lakes and water fluxes beneath the Antarctic Ice Sheet" #72A1771		T. Abe: "Detection of the ~12-year cyclic surge-like event at Donjek Glacier in Yukon, Canada" #72A1716	S. Livingstone: "Reconstruction of a palaeo-subglacial lake network in Alberta, Canada" #72A1755
15:00	M. Kuhn: "Liquid water storage in snow and ice of 80 Eastern Alpine basins" #72A1687	G. Kuhn: "Geochemical and geological evidence for a palaeo-subglacial lake in Pine Island Bay, Antarctica" #72A1754		H. Engelhardt: "Variegated Glacier Surge Video" #72A1764	A. Russell: "Rapid and large-scale, subglacial erosion by a high-magnitude jökulhlaup, Skeiðarárjökull, Iceland" #72A1757
15:20	Coffee	Coffee		Coffee	Coffee
15:50	B. O'Dochartaigh: "Groundwater – meltwater coupling in an active proglacial sandur aquifer in southeast Iceland" #72A1678	Poster Short Presentations @ 15:50		Poster Short Presentations @ 15:50	B. Einarsson: "Glacier motion in relation to jökulhlaups from western Vatnajökull in Iceland observed with continuous GPS measurements" #72A1691
16:10	V. Flett: "Melt water flow through a rapidly deglaciating glacier and foreland catchment system, Virkísjökull, SE Iceland" #72A1669				E. Magnusson: "Monitoring water bodies underneath glacier cauldrons with radio echo sounding" #72A1711
16:30	H. Agustsson: "Possible changes in precipitation patterns associated with the retreat and thinning of Vatnajökull ice cap" #72A1770	Poster Session		Poster Session	D. Binder: "Jökulhlaups at the A.P. Olsen Ice Cap, NE-Greenland: First results of the geodetic and seismic monitoring in 2012" #72A1667
16:50	A. MacDonald: "Using stable isotopes and continuous meltwater river monitoring to investigate the hydrology of a rapidly retreating Icelandic outlet glacier" #72A1704				Closing remarks
17:10	T. Faulkner: "A hypothetical model for the deglacial hydrology of icesheets in mountainous areas" #72A1683				
17:30	End of Session				

Session Name	Color/Talk number			
Glacier Catchment Hydrology	8			
Supraglacial and Firn Hydrology	9			
Englacial and subglacial hydrology	21			
Basal Sliding and ice dynamics	11			
Jökulhlaups and hazards	3			
Erosion and landforms	9			
Instrumentation	3			

Poster Session 1 / Tuesday	Poster Session 2 / Thursday
V. Flett: "The hydrological impact of rapid ice ablation in a small highly glaciated catchment, Virkisjökull SE Iceland." #72A1668	T. Trantow: "Crevasses and supraglacial water as indicators of surge progression: A modeling perspective" #72A1768
K. Wu: "Multi-decadal glacier mass and area changes in the western Nyainqentanglha Range during 1970-2009 derived from multi-sources of DEMs and glacier inventories" #72A1679	G. Flowers: "Short-term velocity variations and sliding sensitivity of a slowly surging glacier" #72A1713
T. Faulkner: "The Weichselian deglaciation of central Scandinavia" #72A1684	A. Mazur: "Iceberg distribution in the Amundsen Sea (Antarctica)." #72A1721
E. Majchrowska: "The importance of extreme events in release of suspended yield from Werenskioldbreen catchment (Spitsbergen)" #72A1693	N. Meier: "Short Duration Event Recorded in Multiple Instruments at a Field Site Located 35 km Inland from the Western Margin of the Greenland Ice Sheet: Possible Downgradient Effects of a Supraglacial Lake Drainage?" #72A1743
I Marchuk: "Hydrothermal state of glaciers in Nordenskiöld Land, Spitsbergen" #72A1724	T. Sato: "Sensitivities of ice volume changes on various basal sliding conditions" #72A1778
S. Ebrahimi: "Modeling Canadian Rockies Glacier melt response to climate change" #72A1744	X Wang: "Wide expansion and increased glacial lake hazards during the past decades in the Central Asia" #72A1781
W. Bao: "Modeling of glacier mass changes in the High-Mountain Asia region since 1900s" #72A1749	D. Cohen: "Reconstruction of glacial erosion patterns at the LGM for the Rhine glacier, Swiss Alps, using a high resolution Stokes flow numerical model" #72A1673
B. Mavlyudov: "Some problems of a modern hydrology of glaciers" #72A1681	G. Kuhn: "Geological evidence for past subglacial conditions: dry-based vs. wet-based ice" #72A1728
B. Mavlyudov: "New type of moulins" #72A1682	I. Benediktsson: "Architecture and structural evolution of a Little Ice Age end moraine at Múlajökull, surge-type glacier, Iceland" #72A1736
M. Esteves: "Potential subglacial basins in the Central Barents Sea; implications on the dynamics and retreat patterns of Sentralbankrenna" #72A1726	W. Farnsworth: "Neoglaciation and Little Ice Age (LIA) glaciers and ice caps on Svalbard" #72A1753
C. Shackleton: "Meltwater landforms in the central Barents Sea and their implications for former subglacial drainage" #72A1727	H. Bergsdóttir: "The Fláajökull glacial landsystem: a geomorphological map of an active temperate glacier" #72A1787
K. Riverman: "Englacial channel knickpoint formation and migration from direct observations and modeling" #72A1729	A. Williamson: "Controls on the initiation of hydrofracture beneath supraglacial lakes on the Greenland Ice Sheet" #72A1688
I. Hewitt: "Subglacial conduits in sediments" #72A1715	S. Biskop: "Potential effects of dust deposition on snow and glaciers in the Andes of Central Chile" #72A1696
D. MacAyeal: "Viscoelastic behavior of subglacial water chambers" #72A1734	R. S. Odedgaard: "Superimposed ice at perennial snowfields and glacierets – a modelling approach" #72A1700
T. Thorsteinsson: "Vertical thermal structure of the subglacial Skaftá lakes in W-Vatnajökull, Iceland" #72A1772	A. Banwell: "Ice-shelf fracture due to viscoelastic-flexure stress induced by fill/drain cycles of supraglacial lakes" #72A1731
A. Humbert: "How swampy is the base of Recovery Glacier, Antarctica?" #72A1782	G. Macdonald: "Supraglacial lake evolution on Petermann Glacier, North-West Greenland" #72A1748
P. Wright: "Constraints on the magnitude and variability of basal water pressure, western Greenland Ice Sheet margin" #72A1740	S. Gudmundsson: "Mass- and energy balance of Icelandic ice caps: influence of the 2010 and 2011 subglacial eruptions" #72A1750
	S. Livingstone: "Roughness modulation of Greenland Ice Sheet hydrology and ice-flow dynamics" #72A1756