

**CR – Cryospheric Sciences – Orals****Monday, 08 April**

<b>MO1</b> , 08:30–10:00	<b>CR1.2</b> , Permafrost Open Session, <b>08:30–12:00</b> , <b>Room G3</b>
<b>MO2</b> , 10:30–12:00	<b>CR1.2</b> , Permafrost Open Session, <b>08:30–12:00</b> , <b>Room G3</b>
<b>MO3</b> , 13:30–15:00	<b>CR6.2</b> , Assessing the effects of global warming on permafrost degradation - contributions from field studies, remote sensing and modelling, <b>13:30–15:00</b> , <b>Room G3</b>
<b>MO4</b> , 15:30–17:00	<b>CR6.1</b> , Debris covered glaciers, <b>15:30–17:00</b> , <b>Room G3</b>
	<b>PSD1.5</b> , <b>GI2.7/AS4.18/CL5.10/CR1.4/ESSI1.6</b> - Taking the temperature of the Earth: Temperature Variability and Change across all Domains of Earth's Surface, <b>15:30–16:15</b> , <b>Room R5</b>

**Tuesday, 09 April**

<b>TU1</b> , 08:30–10:00	<b>CR2.4</b> , Applied Geophysics in Cryosphere Sciences, <b>08:30–10:00</b> , <b>Room G3</b>
<b>TU2</b> , 10:30–12:00	<b>CR2.3</b> , Glacier Monitoring from In-situ and Remotely Sensed Observations, <b>10:30–12:00</b> , <b>Room G3</b>
	<b>GI2.7/AS4.18/CL5.10/CR1.4/ESSI1.6</b> , Taking the temperature of the Earth: Temperature Variability and Change across all Domains of Earth's Surface (co-organized), <b>10:30–12:00</b> , <b>Room G1</b>
<b>TU3</b> , 13:30–15:00	<b>CR5.5</b> , Mass and energy balance of snow and ice, <b>13:30–15:00</b> , <b>Room G3</b>
	<b>OS1.2/CR3.6</b> , Changes in Arctic and Antarctic sea ice and ocean: processes, observations, models and perspectives (co-listed), <b>13:30–15:00</b> , <b>Room Y4</b>
<b>TU4</b> , 15:30–17:00	<b>CR1.3</b> , Subglacial Environments of Ice Sheets and Glaciers, <b>15:30–17:00</b> , <b>Room G3</b>
	<b>G3.1/CR3.9/GD1.4/TS1.5</b> , Glacial Isostatic Adjustment, Mantle Viscosity and Ice Sheet Fluctuations (co-organized), <b>15:30–17:15</b> , <b>Room R13</b>
<b>TU6</b> , 19:00–20:00	<b>ML12</b> , Louis Agassiz Medal Lecture by Florent Dominé (co-listed), <b>19:00–20:00</b> , <b>Room G11</b>

**Wednesday, 10 April**

<b>WE1</b> , 08:30–10:00	<b>CR2.1</b> , Remote Sensing of the Cryosphere, <b>08:30–10:00</b> , <b>Room G3</b>
	<b>CR7.1</b> , Modelling ice sheets and glaciers (including Arne Richter Arne Richter Award for Outstanding Young Scientists Lecture), <b>08:30–12:30</b> , <b>Room G11</b>
	<b>OS1.2/CR3.6</b> , Changes in Arctic and Antarctic sea ice and ocean: processes, observations, models and perspectives (co-listed), <b>13:30–15:00</b> , <b>Room Y4</b>
<b>WE2</b> , 10:30–12:00	<b>CR7.1</b> , Modelling ice sheets and glaciers (including Arne Richter Arne Richter Award for Outstanding Young Scientists Lecture), <b>08:30–12:30</b> , <b>Room G11</b>
	<b>OS1.2/CR3.6</b> , Changes in Arctic and Antarctic sea ice and ocean: processes, observations, models and perspectives (co-listed), <b>13:30–15:00</b> , <b>Room Y4</b>

<b>WE3</b> , 13:30–15:00	<b>CR7.2</b> , Ice shelves - dynamics, interactions, observations, modelling, <b>13:30–15:00, Room G11</b>
<b>WE4</b> , 15:30–17:00	<b>CR3.4</b> , Glaciers and ice caps under climate change, <b>15:30–17:00, Room G13</b>
<b>Thursday, 11 April</b>	
<b>TH1</b> , 08:30–10:00	<b>CR3.2</b> , State of the Cryosphere: Observations and Modelling, <b>08:30–12:00, Room G11</b>
<b>TH2</b> , 10:30–12:00	<b>CR3.2</b> , State of the Cryosphere: Observations and Modelling, <b>08:30–12:00, Room G11</b>
<b>TH3</b> , 13:30–15:00	<b>CR3.1</b> , Projections of the cryospheric contribution to sea-level rise over the next century: progress in modelling and related observations, <b>13:30–15:00, Room G11</b>
	<b>CR4.1/NH6.1</b> , Snow cover and avalanches (co-organized), <b>13:30–17:00, Room G3</b>
<b>TH4</b> , 15:30–17:00	<b>CR3.3/CL1.11</b> , Ice-sheet and climate interactions (co-organized), <b>15:30–17:00, Room G11</b>
	<b>CR4.1/NH6.1</b> , Snow cover and avalanches (co-organized), <b>13:30–17:00, Room G13</b>
<b>Friday, 12 April</b>	
<b>FR1</b> , 08:30–10:00	<b>CR3.8</b> , Tropical glaciers and climate dynamics, <b>08:30–10:00, Room G13</b>
	<b>GD3.5/CR1.5/EMRP4.4/G6.4/TS10.8</b> , Crustal structure and geodynamic evolution in the Antarctic and Arctic regions (co-organized), <b>08:30–12:00, Room G11</b>
	<b>GM9.1</b> , Cold Regions Geomorphology (co-listed), <b>08:30–12:00, Room G2</b>
<b>FR2</b> , 10:30–12:00	<b>CR5.1</b> , Creep and fracture of Earth and planetary materials: from ice to olivine, <b>10:30–12:00, Room G13</b>
	<b>GD3.5/CR1.5/EMRP4.4/G6.4/TS10.8</b> , Crustal structure and geodynamic evolution in the Antarctic and Arctic regions (co-organized), <b>08:30–12:00, Room G11</b>
	<b>GM9.1</b> , Cold Regions Geomorphology (co-listed), <b>08:30–12:00, Room G2</b>
<b>FR3</b> , 13:30–15:00	<b>CR4.2</b> , Risks from a changing cryosphere, <b>13:30–15:00, Room G13</b>
<b>FR4</b> , 15:30–17:00	<b>GI3.2</b> , Instruments and interpretation methods for downhole and complex karst environments (co-listed), <b>15:30–17:00, Room G1</b>
	<b>GM9.3/CR1.6</b> , Glacial landforms and palaeoclimatic interpretation (co-organized), <b>15:30–17:00, Room G2</b>

**CR – Cryospheric Sciences – Posters****Monday, 08 April**

<b>MO4</b> , 15:30–17:00	<b>PSD1.5</b> , GI2.7/AS4.18/CL5.10/CR1.4/ESSI1.6 - Taking the temperature of the Earth: Temperature Variability and Change across all Domains of Earth's Surface, <b>15:30–16:15, Room R5</b>
<b>MO5</b> , 17:30–19:00	<b>CR1.1</b> , Open Topics in Cryospheric Research, <b>Blue Posters, B643–B651</b>
	<b>CR1.2</b> , Permafrost Open Session, <b>Blue Posters, B652–B666</b>
	<b>CR6.1</b> , Debris covered glaciers, <b>Blue Posters, B667–B680</b>
	<b>CR6.2</b> , Assessing the effects of global warming on permafrost degradation - contributions from field studies, remote sensing and modelling, <b>Blue Posters, B681–B698</b>
	<b>GI2.7/AS4.18/CL5.10/CR1.4/ESSI1.6</b> , Taking the temperature of the Earth: Temperature Variability and Change across all Domains of Earth's Surface (co-organized), <b>Red Posters, R150–R166</b>   Related: PSD1.5, see MO4

**Tuesday, 09 April**

<b>TU5</b> , 17:30–19:00	<b>BG2.17</b> , Snow-shrub interactions: Exploring the hydrology, biochemistry and ecology of changing tundra ecosystems (co-listed), <b>Green Posters, G64–G75</b>   Related: PSD17.7, see TU4
	<b>CR1.3</b> , Subglacial Environments of Ice Sheets and Glaciers, <b>Blue Posters, B792–B804</b>
	<b>CR2.3</b> , Glacier Monitoring from In-situ and Remotely Sensed Observations, <b>Blue Posters, B805–B819</b>
	<b>CR2.4</b> , Applied Geophysics in Cryosphere Sciences, <b>Blue Posters, B820–B830</b>
	<b>CR5.5</b> , Mass and energy balance of snow and ice, <b>Blue Posters, B831–B844</b>
	<b>G3.1/CR3.9/GD1.4/TS1.5</b> , Glacial Isostatic Adjustment, Mantle Viscosity and Ice Sheet Fluctuations (co-organized), <b>Red Posters, R25–R43</b>

**Wednesday, 10 April**

<b>WE5</b> , 17:30–19:00	<b>CR2.1</b> , Remote Sensing of the Cryosphere, <b>Blue Posters, B629–B646</b>
	<b>CR3.4</b> , Glaciers and ice caps under climate change, <b>Blue Posters, B647–B658</b>
	<b>CR7.1</b> , Modelling ice sheets and glaciers (including Arne Richter Arne Richter Award for Outstanding Young Scientists Lecture), <b>Blue Posters, B659–B682</b>
	<b>CR7.2</b> , Ice shelves - dynamics, interactions, observations, modelling, <b>Blue Posters, B683–B694</b>
	<b>OS1.2/CR3.6</b> , Changes in Arctic and Antarctic sea ice and ocean: processes, observations, models and perspectives (co-listed), <b>Blue Posters, B695–B723</b>

**Thursday, 11 April**

TH5, 17:30–19:00	CR3.1, Projections of the cryospheric contribution to sea-level rise over the next century: progress in modelling and related observations, <b>Blue Posters, B553–B564</b>
	CR3.2, State of the Cryosphere: Observations and Modelling, <b>Blue Posters, B565–B589</b>
	CR3.3/CL1.11, Ice-sheet and climate interactions (co-organized), <b>Blue Posters, B590–B604</b>
	CR4.1/NH6.1, Snow cover and avalanches (co-organized), <b>Blue Posters, B605–B619</b>
<b>Friday, 12 April</b>	
FR2, 10:30–12:00	CR3.8, Tropical glaciers and climate dynamics, <b>Blue Posters, B613–B624</b>
	CR4.2, Risks from a changing cryosphere, <b>Blue Posters, B625–B633</b>
	GI3.2, Instruments and interpretation methods for downhole and complex karst environments (co-listed), <b>Red Posters, R151–R163</b>
FR3, 13:30–15:00	CR5.1, Creep and fracture of Earth and planetary materials: from ice to olivine, <b>Blue Posters, B634–B641</b>
	GD3.5/CR1.5/EMRP4.4/G6.4/TS10.8, Crustal structure and geodynamic evolution in the Antarctic and Arctic regions (co-organized), <b>Blue Posters, B260–B272</b>
FR4, 15:30–17:00	GD3.5/CR1.5/EMRP4.4/G6.4/TS10.8, Crustal structure and geodynamic evolution in the Antarctic and Arctic regions (co-organized), <b>Blue Posters, B273–B284</b>
FR5, 17:30–19:00	GM9.1, Cold Regions Geomorphology (co-listed), <b>Blue Posters, B475–B496</b>
	GM9.3/CR1.6, Glacial landforms and palaeoclimatic interpretation (co-organized), <b>Blue Posters, B497–B510</b>