

## Fragile Cryosphere

### DAY 1 - Wednesday 27<sup>th</sup> November 2019

<b>Parallel #1 13:30 - 15:30</b>			
<b>Timings</b>	<b>Abstract Number</b>	<b>Title</b>	<b>Presenter</b>
<b>0 – 25</b>	<b>83</b>	<b>Keynote:</b> The Changing Mountain Cryosphere - Why should we care?!	Tobias Bolch
<b>25 – 45</b>	<b>88</b>	The role of sea ice loss in the Atlantification of the Barents Sea	Marie Porter
<b>45 – 1hr05</b>	<b>16</b>	Inter-decadal climate variability induces dichotomous ice response along Pacific-facing West Antarctica	Frazer Christie
<b>1hr05 – 1hr25</b>	<b>29</b>	Cold Ice in a Warm Bath? Warm proglacial lakes and rapid retreat of a lake terminating Arctic glacier	Adrian Dye
<b>1hr25 – 1hr45</b>	<b>28</b>	Predicting mass loss from Greenland's marine-terminating outlet glaciers	Tom Cowton
<b>1hr45 – 2hr</b>	<b>N/A</b>	Poster introductions – 1 minute each	

### DAY 2 - Thursday 28<sup>th</sup> November 2019

<b>Parallel #2 09:45 – 10:50</b>			
<b>Timings</b>	<b>Abstract Number</b>	<b>Title</b>	<b>Presenter</b>
<b>0 – 25</b>	<b>N/A</b>	<b>Keynote: (by Skype)</b> The challenges of predicting future sea level rise and its potential consequences for society	Jonathan Bamber
<b>25 – 45</b>	<b>5</b>	The Changing Arctic Ocean: Implications for marine biology and biogeochemistry	Kirsty Crocket
<b>45 – 1hr05</b>	<b>18</b>	Observing the Cryosphere with millimetre wave radar: The case study of Rhone Glacier	William Harcourt

Parallel #2 Continued 11:15 – 12:15			
1hr05 – 1hr25	65	AntArchitecture: An international project to use Antarctic englacial layering to interrogate stability of the Antarctic Ice Sheets	Robert Bingham
1hr25 – 2hr	N/A	Discussion session and research prospecting: big questions in cryosphere research and/or policy and/or solutions	
Parallel #3 Solutions 14:30 – 16:30			
Timings	Abstract Number	Title	Presenter
0 – 25	126	<b>Keynote speaker:</b> The Changing Mountain Cryosphere – Why should we care?!	Tahseen Jafry
25 – 45	94	Synergies between buried landscapes, past climates and future windfarms offshore	Carol Cotterill
45 – 1hr05	27	Risk of Large and Rapid Sea Level Rise from West Antarctica	Doug Benn
1hr05 – 1hr25	34	Repeat Subglacial Lake Drainage and Filling Beneath Thwaites Glacier, WestAntarctic Ice Sheet	George Malczyk
1hr25 – 1hr45	72	Arctic Education – Past Successes and Future Possibilities	Finlo Cottier
1hr45-2hr	N/A	Collaborations, conversations and continued discussion	