

## **Virtual Greenland Field Campaign Future Science and Synergies**

**Day 1 Sept 14, 2021 12:30-16:00 eastern US time**

### **12:30-13:30 NASA and NSF program updates and questions**

Jen Mercer NSF Arctic Program updates

Thorsten Markus NASA Cryosphere updates

### **13:30-14:30 5 min talks:**

Martin Truffer: The role of meltwater in fast flowing and rapidly changing outlet glaciers

Jonny Kingslake: Greenland Ice Sheet dynamic response to inland expansion of a hydrologically-active ice-sheet bed

Sasha Leidman: Seasonal Evolution of Supraglacial Floodplains on the Greenland ice sheet

Asa Rennermalm: Representing surface meltwater runoff in Greenland ice sheet models

Adrian McCullum: Cone Penetration Testing (CPT) on polar traverses (recorded)

### **14:30-14:45 Break**

### **14:45-16:00 5 min talks:**

Betsy Andrews: NOAA aerosol measurements at Summit

Von Walden: ICECAPS-MELT

Chris Shuman: Melt events at Summit

Jing Xiao: Refreezing in the firn of the Greenland ice sheet: spatiotemporal variability and implications for ice sheet mass balance

Erich Osterberg: GreenTracs2

Jason Briner: GreenDrill

**Day 2 Sept 16, 2021 12:30-16:30 eastern US time**

### **12:30-12:40 Welcome**

### **12:40-13:30 5 min talks:**

Abby Vieregg: RNO-G: The Radio Neutrino Observatory in Greenland

Kelly Brunt: ICESat2 Traverse, Summit Station

Santiago de la Pena: Continuous measurements of Surface Mass Balance and firn-induced elevation change in the Greenland interior

Surendra Adhikari: Continuous monitoring of glacial discharge using a bedrock GNSS network

Thomas Chen: Uummannaq region on fjords and glaciers

### **13:30-13:40 Break**

### **13:40-14:20 5 min talks:**

Kiya Riverman: Geophysical observations of the subglacial lake and Hiawatha impact crater in Northwest Greenland

Ian Joughin: NISAR cal/val plans

Eric Rignot: Oceans Melting Greenland, Ilulissat Fjord and NW Greenland

Ute Herzog: Water on/in ice, glacial melt and acceleration and ICESat-2

**14:20-15:20 Synergies in fieldwork campaigns discussion**

**15:20-15:30 Break**

**15:30-16:30 Summit Station Listening session**