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 firm-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