

CESM Joint Land Ice and Polar Climate Working Group Session
Tuesday, 19 June 2018
NCAR – Boulder, Colorado – Center Green Auditorium – South Bay

>>>> **Webcast:** <http://www.fin.ucar.edu/it/mms/cg-south-live.htm> <<<<

- 8:15 a.m. Bill Sacks – Year in review: Land ice relevant changes in CESM since last June
- 8:25 a.m. Bill Lipscomb – CISM v2.1 in CESM2
- 8:35 a.m. Gunter Leguy – Antarctic MIP results using CISM
- 8:45 a.m. Ravindra Duddu – Implementing calving laws based on linear elastic fracture mechanics into ice sheet model
- 9:00 a.m. Morgan Whitcomb – Modeling ice shelves using damage mechanics
- 9:15 a.m. Aleah Sommers – SHAKTI: Subglacial Hydrology and Kinetic Transient Interactions, a meltwater drainage model with flexible geometry applied to Store Glacier in west Greenland
- 9:30 a.m. Ute Herzfeldt – Airborne and satellite observations and modeling of fast moving glaciers
- 9:45 a.m. Thomas Trantow – Constraining model parameters using surge crevassing
- 10:00 a.m. *Break*
- 10:30 a.m. David Bailey – Sea ice in CESM2
- 10:45 a.m. Andrew Roberts – A new approach to the mechanical thickening of sea ice
- 11:00 a.m. Melinda Webster – Snow on sea ice
- 11:15 a.m. Youngsung Kim – CICE and POP boundary-exchange performance optimization (High-resolution and large-scale run)
- 11:30 a.m. Mark Seefeldt – Remote and autonomous measurements of precipitation in Antarctica
- 11:45 a.m. Drew Camron – Untangling the past, present, and future of Greenland Ice Sheet precipitation using CloudSat observations with CESM simulations
- 12:00 p.m. *Adjourn*