

CESM Polar Climate Working Group Meeting
4 – 5 February 2019
National Center for Atmospheric Research – Mesa Lab
Boulder, Colorado

Monday, 4 February – MAIN SEMINAR ROOM

JOINT SESSION – Land Ice, Paleoclimate, and Polar Climate Working Groups

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

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| 1:30 | The combined influence of Southern Ocean clouds and sea ice on top-of-atmosphere albedo in observations and CESM | J. Kay |
| 1:50 | Thicker clouds and accelerated Arctic sea ice decline: Atmosphere-sea ice interactions in spring | Y. Huang |
| 2:10 | Towards a new community software for data-model connection | U. Herzfeld |
| 2:30 | Paleoclimate and polar MIPS for CMIP6: PMIP, PAMIP, and ISMIP6 | B. Otto-Bliesner,
C. Deser, and
B. Lipscomb |
| 3:00 | <i>Break</i> | |
| 3:30 | Ice-sheet/climate model coupling: An efficient spin-up procedure for CESM2.1 and CISM2.1 | L. Muntjewerf
M.Lofverstrom |
| 3:50 | Simulating the Northern Hemisphere climate and ice sheets during the last deglaciation with CESM2.1/CISM2.1 (<i>remote presentation</i>) | M.Petrini/S.Bradley |
| 4:10 | Characteristics of the Greenland ice sheet during the Last Interglacial: A preliminary view from previous simulations, and upcoming plans | A. Sommers |
| 4:30 | Regional grid refinement over Greenland: Effects on surface mass balance | J. Lenaerts
L. van Kampenhout |
| 5:00 | <i>Working Group Information Exchange – Damon Room</i> | |

Tuesday, 5 February – *CHAPMAN ROOM*

Webcast Instructions:

AUDIO: Dial this access number: 1-866-740-1260 – Enter access code 4971358

VIDEO: Go to www.readytalk.com; under “join a meeting” enter access code 4971358

9:00 Welcome J. Kay/M. Holland

Science Talks

9:15 Future sea-ice decline predicted to bring the Arctic nations closer together P. DeRepentigny
9:30 SH Sea Ice and Ocean mean state: Impacts of different mixing parameterizations Laura Landrum
9:45 Remote contributions to polar predictability Ed Blanchard-
Wrigglesworth

10:00 Science discussion

10:30 *Break*

Special Issue Paper Updates

11:00 Overview of available CMIP6 simulations Dave Bailey
11:10 Special Issue Paper status talk Dave Bailey
11:20 Special Issue Paper status talk Alice DuVivier
11:30 Special Issue Paper status talk Hansi Singh
11:40 Special Issue Paper status talk Elin McIlhattan
11:50 Special Issue Paper status talk Melinda Webster
12:00 Special Issue Paper status talk Ed Blanchard-
Wrigglesworth
12:10 Special Issue Paper status talk P. DeRepentigny
12:20 Discussion
12:40 *Adjourn*