THURSDAY, 14 February – Damon Room

9:00   Co-chairs – Welcome and introductions
9:10   Dan Martin – Update on the Bisicles dynamical core in CISM
9:30   Irina Kalashnikova – A new unstructured variable-resolution finite element ice sheet stress-velocity solver within the MPAS / Trilinos FELIX dycore of PISCEES
9:50   Douglas Brinkerhoff – A new variational derived ice sheet model
10:10  Jesse Johnson – A novel approach to calculation of mass conserving beds and error estimation
11:00  David Pollard – Relating inverse-derived basal sliding coefficients beneath ice sheets to other large-scale basal variables
11:20  Harihar Rajaram – The physics of cryo-hydrologic warming
11:40  Matt Hoffman – Progress in coupling land ice and ocean models
12:00  Steve Price – Updates from LIWG members who could not attend the meeting

2:00   Jeremy Fyke – Development and evaluation of CESM-CISM coupling and spin-up, and initial sea level rise results from Greenland
2:20   Bill Sacks – LIWG software engineering updates and future plans
2:40   Bob Fischer – Method and toolkit for two-way ice sheet – GCM coupling
3:00   Miren Vizcaino – First realistic simulation of surface mass balance of the Greenland ice sheet with a global climate model: Evaluation, projections, and future challenges with CESM
3:40   Bin Zhao – An evaluation of the present day surface energy and mass balance over Greenland ice sheet in GEOS-5
4:00   Adam Herrington – Sensitivity of nascent ice sheet growth rates to the frequency of GCM updates: Toward optimal coupling of GCMs and ice sheet models
4:20   Nicole-Jeanne Schlegel – Sensitivity of the Northeast Greenland ice stream to errors in surface mass balance forcing using Ice Sheet System Model
4:40   Charles Jackson – Impacts of surface mass balance uncertainties on ice sheet initialization and predictions of sea level rise

FRIDAY, 15 February – Damon Room

9:00   Gunter Leguy – Advanced ice sheet modeling: Parameter estimation for grounding-line transition
9:20   Weili Wang – SeaRISE experiments for the Greenland ice sheet from the AIF model
9:40   Kate Evans – Verification and validation strategies for the Community Ice Sheet Model