CESM Software Engineering Working Group Meeting
27 February 2018
Mesa Lab, Visualization Lab
National Center for Atmospheric Research – Boulder, Colorado

Webcast Instructions:
AUDIO: Dial this access number: 1-866-740-1260 – Enter access code 8531794
VIDEO: Go to www.readytalk.com; under "join a meeting" enter access code 8531794

8:55 Welcome
Co-chairs
9:00 CSEG update
Mariana Vertenstein
9:30 CIME case control system
Jim Edwards
10:00 Functional testing with containers and Jenkins
Andreas Wilke
10:30 CESM transition to git/github
Bill Sacks
11:00 Better scientific software
Mike Heroux
11:30 Discussion – CIME requirements

12:00 Lunch

1:00 The E3SM processflow: Automated post processing and diagnostics for
GCM model data
Sterling Baldwin
1:30 ESMF / NUOPC update
C. DeLuca / R. Dunlap
1:55 A NUOPC-based driver in CIME
Mariana Vertenstein
2:20 Conservative and high order mapping between spectral element atmosphere
and finite volume ocean meshes
Mark Taylor
2:45 Adding MOAB to CIME’s MCT driver
Robert Jacob
3:05 Community physics framework
Steve Goldhaber
3:30 Impact of accumulating code optimization on CESM throughput and cost
John Dennis
4:00 Discussion – future hardware and climate models

5:00 Adjourn