

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	<i>Lunch</i>	
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	