

2023 CESM Workshop SOFTWARE ENGINEERING WORKING GROUP MEETING

Wednesday, June 14

** All times are MDT*

Center Green Auditorium / North Bay

YouTube Streaming: https://youtube.com/live/L_BVolwIweg?feature=share

Time	Topic	Speaker
1:30	Welcome and logistics	Bill Sacks & Ligia Bernardet
1:35	CESM Software Engineering Group Overview	Brian Dobbins
2:00	CAM development process	Cheryl Craig
2:20	One Simple and One Complex: Two New Components in CESM	Erik Kluzek
2:40	Developments in ParallelIO	Jim Edwards
3:00	BREAK	
3:30	CESM Diagnostics Workflow Built on Jupyter Notebooks	Elena Romashkova
3:50	Post-processing workflows and tools for DOE's Energy Exascale Earth System Model (E3SM)	Chengzhu (Jill) Zhang <i>(remote)</i>
4:05	Establishing community requirements of Hierarchical System Development for Earth System Models	Tracy Hertneky
4:25	Hierarchical Testing of ESMF/NUOPC Components	Ufuk Turuncoglu
4:40	Repeatable infrastructure as code and CI/CD Pipeline: working to speed up innovation	Keven Blackman <i>(remote)</i>
4:55	Implementing CCpp in CAM-SIMA	Jesse Nusbaumer
5:15	Adjourn	
6:30	<i>Working Group dinner at a nearby restaurant (tentatively the Rayback; will confirm in the Welcome at 1:30)</i>	

Posters:

	GPU Performance of the Simple Cloud Resolving E3SM Atmosphere Model (SCREAM)	Mark Taylor
--	--	-------------