



## CESM SOFTWARE ENGINEERING WORKING GROUP WINTER WORKING GROUP MEETING

**March 4th, 2024**

**Monday, March 4th**

*\* All times are MST; **Speakers:** please leave 5 min at the end of your slot for questions.*

Time	Topic	Speakers
9:00 - 9:10	Welcome	Bill Sacks & Ligia Bernardet
9:10 - 9:30	Expanding the UFS to Multiple Dynamical Cores: Opportunities and Challenges	Dom Heinzeller
9:30 - 9:50	ESMF Updates & Plans	Ann Tsay
9:50 - 10:10	CCPP Framework: An Overview	Courtney Peverley
10:10 - 10:30	Unified Workflow: A Toolbox and Framework for NWP Systems	Christina Holt
10:30 - 10:50	<b>BREAK</b>	
10:50 - 11:10	VS Code and You: Why You Should Make Your Computer Work For You (and How!)	Adrianna Foster & Sam Rabin
11:10 - 11:30	VS Code Demo	Sam Rabin & Adrianna Foster
11:30 - 11:50	Using Github Copilot in VS Code	Supreeth Suresh
11:50 - 1:00	<b>LUNCH (ML Cafeteria)</b>	
1:00 - 1:20	CUPiD: CESM Unified Postprocessing and Diagnostics	Teagan King & Mike Levy
1:20 - 1:40	How to Write New, Old Code: Implementing Legacy NCL Routines in the Python Ecosystem	Anissa Zacharias
1:40 - 2:00	LEAP: Current Microphysics Efforts & Future Plans	Wayne Chuang
2:00 - 2:20	AI/ML Efforts in CESM Using Python	Will Chapman
2:20 - 2:40	<b>BREAK</b>	
2:40 - 3:00	CAM-CLUBB Integration Workflow	Kate Thayer-Calder
3:00 - 3:20	CLUBB GPUization and Performance Portability	Gunther Huebler
3:20 - 3:40	Ensemble Consistency Tests for ESM Development	Allison Baker
3:40 - 4:00	Wrap-up Discussion	Bill Sacks & Ligia Bernardet
4:00	<b>ADJOURN</b> (Optional post-event social gathering at Under the Sun)	

