

EPIC - AMS Annual Conference Agenda

Activity/ Method	Content Description	Support Materials	Estimated Time
Introductions	Introduce speakers and their backgrounds. Let students know how they can ask questions and to whom they should direct questions to. Introduce slack and how to use it.	Handouts: Instructor contact info Participant list with usernames/passwords Copy of Slideshow	15 min
The UFS, EPIC, and the Short Range Weather Application	Discuss the Short Range Weather App and it's uses.	Handout of slides	20 minutes
Log In and Run Control Case	Have students SSH into AWS using the PEM file. Run through the control case (25k GFS_v16). Generate the plots.	Handout of slides	40 minutes 15 minute break
Modify Test Case	Run high res case from 25k to 3k GFS_v16. Overview of where we defined custom grid. Generating the plots.	Handout of slides	40 minutes
Modify Test Case	Modify physics (3k RRFS_v1beta) Generate the plots	Handout of slides	15 minutes 10 Minute Break
Compare Outputs	Have students run python scripts to compare the forecast outputs their previous two cases produced.	Handout of slides	20 minutes
Application	Have students run another test case on their own. Go around the room and discuss how students think they may be able to utilize this technology in the project. Address areas of concern for running it on their own. Q&A and ad hoc facilitation.	Handout of slides	40 minutes
Wrap-Up	Have students fill out survey and address any remaining questions.	Student Survey	30 minutes