

FV3 Training (June 12-14, 2018)

Draft Agenda

Tues June 12, 2018		
	FV3 Dycore session 1 (Chair: Farida Adimi)	Presenter
8:30 AM	Opening remarks	EMC/Brian Gross/Vijay Tallapragada
9:00 AM	FV3 Overview 1 FV3 solver and structure	GFDL/Lucas Harris
10:00 AM	Break	
10:15 AM	FV3 Overview 2 FV3 solver and structure	GFDL/Lucas Harris
11:15 AM	Vertical re-mapping and mass conservation in GEOS (TBC)	NASA/GMAO/Bill Putman (TBC)
12:00 PM	Lunch	On your own
	FV3 Dycore session 2 (Chair: Jun Wang)	Presenter
1:00 PM	Variable-resolution in FV3 Nesting/Stretching	GFDL/Lucas Harris
2:00 PM	GFDL MP Microphysics & consistency with FV3 dynamics	GFDL/S.J. Lin
3:15 PM	Break	
3:30 PM	FMS Overview	GFDL/Rusty Benson
4:30 PM	Open Discussion and Q&A - FV3 related	FV3: SJ, Lucas, and Rusty All
5:00 PM	Adjourn for the day	
Wed June 13, 2018		
	Infrastructure/Utilities Session (Chair: Kate Friedman)	Presenter
8:30 AM	NEMS	EMC/Mark Iredell
9:00 AM	Global Chgres	EMC/George Gayno
9:30 AM	Orography maker	EMC/Jordan Alpert
10:00 AM	FV3 tool sets and diagnostics	GFDL/Rusty Benson
10:30 AM	Break	

10:45 AM	FV3 write grid component	EMC/Jun Wang
11:15 AM	IPD/ dyn-phy coupling infrastructure	GFDL/Rusty Benson
12:00 PM	Lunch	On your own
	Physics (Chair Fanglin Yang)	
1:00 PM	Radiation and stratospheric O3 and H2O	EMC/S. Moorthi
1:30 PM	Shallow/deep moist convection	EMC/Qingfu Liu
2:00 PM	PBL/turbulence (EDMF)	EMC/Ruiyu Sun
2:30 PM	Gravity wave drag	EMC/Jordan Alpert
3:00 PM	Break	
3:15 PM	Land surface physics	EMC/Jesse Meng
3:45 PM	NSST	EMC/Xu Li
4:15 PM	Stochastic Physics	ESRL/PSD/Phil Pegion
4:45 PM	Data Assimilation for FV3	EMC/Cathy Thomas
5:30 PM	Adjourn for the day	
Thu June 14, 2018		
	Code Management, Workflow, Documentation & Demo (Chair: Rusty Benson?)	
8:30 AM	Code Management/Repositories	EMC/Jun Wang
9:00 AM	Workflow including initial conditions generation, physics namelist, forecast config, post proc, and verification	EMC/Fanglin Yang
10:00 AM	Break	
10:15 AM	Demo	EMC/Kate Friedman
10:45 AM	Documentation and Community page	EMC/Kate Friedman
11:00 PM	Closing remarks	EMC/Vijay Tallapragada
11:15 PM	Adjourn	