

## FV3 Training (June 12-14, 2018)

**Location;** NCWCP, 5830 University Research Court, College Park, MD 20740  
**NCWCP Auditorium**

**Telecon line:** 866-756-2072, Participant: 4546287#

**Webex:** <https://ncwcp-meet.webex.com/ncwcp-meet/j.php?MTID=me06ac25f68435f01253f6a48e16e8081>

**Meeting number:** 901 251 060

### Agenda

<b>Tues June 12, 2018</b>		
	<b>FV3 Dycore session 1 (Chair: Farida Adimi)</b>	<b>Presenter</b>
8:50 AM	Opening remarks	EMC/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	NASA/GMAO/Bill Putman
12:00 PM	Lunch	On your own
	<b>FV3 Dycore session 2 (Chair: Jun Wang)</b>	<b>Presenter</b>
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	
<b>Wed June 13, 2018</b>		
	<b>Infrastructure/Utilities Session (Chair: Kate Friedman)</b>	<b>Presenter</b>
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
	<b>Physics (Chair Fanglin Yang)</b>	
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	
	<b>Thu June 14, 2018</b>	
	<b>Code Management, Workflow, Documentation &amp; Demo (Chair: Rusty Benson)</b>	
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 AM	Closing remarks	EMC/Vijay Tallapragada
11:15 AM	Adjourn	