

Agenda for the 2017 NCAR-UNSW WRF Tutorial/Workshop

Red Centre rm M032, UNSW

November 13-17, Sydney, Australia

Monday, November 13		
8:30 – 9:00	<i>Registration and Coffee</i>	
9:00 – 9:30	Welcome and Participants' Introduction	Joe Klemp
9:30 – 10:00	WRF Modeling System Overview	Jimmy Dudhia
10:00 – 10:20	<i>Coffee Break</i>	
10:20 – 11:20	WPS: Fundamental Capabilities	Michael Duda
11:20 – 12:10	Program Real: Description of General Functions	Dave Gill
12:10 – 1:10	<i>Lunch</i>	
1:10 – 1:40	WRF & WPS: Compilation Process	Kelly Werner
1:40 – 2:10	Running the WPS	Michael Duda
2:10 – 2:30	<i>Coffee Break</i>	
2:30 – 3:20	WRF: Set-up and Run	Wei Wang
3:20 – 3:30	Practice Intro	Kelly Werner
3:30 – 5:30	<i>Practice Session</i>	
Tuesday, November 14		
9:00 – 10:00	Nesting in WRF	Kelly Werner
10:00 – 10:20	<i>Coffee Break</i>	
10:20 – 11:50	WRF Physics (Part I)	Jimmy Dudhia
11:50 – 12:50	<i>Lunch</i>	
12:50 – 1:50	Post-processing Tools	Kelly Werner
1:50 – 2:10	<i>Coffee Break</i>	
2:10 – 3:30	WPS/WRF Set-up and Run Demo	Duda & Werner
3:30 – 5:30	<i>Practice Session</i>	
Wednesday, November 15		
9:00 – 10:15	WRF Dynamics and Numerics	Joe Klemp
10:15 – 10:35	<i>Coffee Break</i>	
10:35 – 11:05	WRF Idealized Cases	Wei Wang
11:05 – 12:05	Advanced Usage of the WPS	Michael Duda
12:05 – 1:05	<i>Lunch</i>	
1:05 – 2:05	How to Use the WRF Registry	Dave Gill
2:05 – 2:25	<i>Coffee Break</i>	
2:25 – 3:25	WRF Physics (Part II)	Jimmy Dudhia
3:25 – 5:30	<i>Practice Session</i>	

Thursday, November 16

9:00 – 10:00	WRF Software: Code & Parallel Computing	Dave Gill
10:00 – 10:30	WRF Four-dimensional Data Assimilation	Jimy Dudhia
10:30 – 10:50	<i>Coffee Break</i>	
10:50 – 11:50	WRF: More Run-time Options	Wei Wang
11:50 – 12:20	WRF Data and Utilities	Kelly Werner
12:20 – 1:20	<i>Lunch</i>	
1:20 – 2:05	WRF: Best Practices	Wei Wang
2:05 – 2:35	WRF in Docker Container	Dave Gill
2:35 – 2:55	<i>Coffee Break</i>	
2:55 – 5:00	<i>Practice Session</i>	
5:00 – 5:15	Summary/Wrap-up & Open Discussion	Kelly Werner