NCAS Introduction to the Unified Model

Room GL68, Meteorology Building, University of Reading
8-10 November 2016

Tuesday 8 November

10:00 – 10:10	Presentation:	Welcome	Rosalyn Hatcher
10:10 – 10:40		Part 1: UM Overview	Annette Osprey
10:40 – 11:10		Part 2: Running the UM	
11:10 – 11:30	Coffee (1L43)		
11:30 – 13:00	Hands-on:	Getting setup Working with suites Running a UM suite	
13:00 – 14:00	Lunch		
14:00 – 14:30	Presentation:	Overview of ARCHER	Michael Bareford, EPCC
14:30 – 15:00		Part 3: Version control with FCM	Rosalyn Hatcher
15:00 – 15:30	Tea		
15:30 – EOD	Hands-on:	FCM tutorial	

Wednesday 9 November

09:30 – 10:00	Presentation:	Part 4: Managing suites	Rosalyn Hatcher
10:00 – 10:30		Part 5: Rose/cylc suite files	Annette Osprey
10:30 – 11:00	Hands-on:	Solving common problems	
11:00 – 11:30	Coffee (1L36)		
11:30 – 13:00		Solving common problems	
13:00 – 14:00	Lunch		
14:00 – 14:30	Presentation:	How do we represent urban areas in the Unified Model?	Sylvia Bohnenstengel, UKMO
		Improving the representation of convection in the Unified Model	Carol Halliwell, UKMO
14:30 – 15:00		Part 6: UM data files	Grenville Lister
15:00 – 15:30	Tea		
15:30 – EOD	Hands-on:	Further exercises	

Thursday 10 November

09:30 – 09:50	Presentation:	Summary of exercises	Annette Osprey
09:50 – 10:20		Part 7: Tools and utilities	Grenville Lister
10:20 – 11:00	Hands-on:	Further exercises	
11:00 – 11:30	Coffee (1L36)		
11:30 – 12:15		Post-processing	
12:15 – 13:00	Presentation:	cf-python	David Hassell
		cf-plot	Andy Heaps
13:00 – 14:00	Lunch		
14:00 – 14:40	Hands-on:	Post-processing	
14:40 – 15:00	Presentation:	Part 8: Finale and discussion	Grenville Lister
15:00 – 15:30	Tea		
15:30 – EOD	Hands-on	Finish off exercises	