



# **NCAS Introduction to the Unified Model**

Room GL20, Agriculture Building, University of Reading  
13 - 15 December 2017

## **Wednesday 13 December**

10:00 – 10:10	Presentations:	Welcome	Grenville Lister
10:10 – 10:40		Part 1: UM Overview	Grenville Lister
10:40 – 11:10		Part 2: Running the UM	Annette Osprey
11:10 – 11:40	Coffee (GL22)		
11:40 – 13:00	Hands-on:	Practical session: Ex 1. Getting setup Ex. 2: Working with suites Ex. 3: Running a UM suite	
13:00 – 14:00	Lunch (GL22)		
14:00 – 14:30	Presentations:	Monsoon, NEXCS and access to MASS	AJ Watling (Met Office)
14:30 – 15:00		Part 3: Version control with FCM	Rosalyn Hatcher
15:00 – 15:30	Hands-on:	Ex. 4: FCM tutorial	
15:30 – 16:00	Tea (GL22)		
16:00 – 17:30		Ex. 4: FCM tutorial	

## **Thursday 14 December**

09:30 – 10:00	Presentations:	Part 4: Managing suites	Rosalyn Hatcher
10:00 – 10:40		Part 5: Rose/cylc suite files	Annette Osprey
10:40 – 11:00	Hands-on:	Ex. 5: Solving common problems	
11:00 – 11:30	Coffee (GL22)		
11:30 – 12:30		Ex. 5: Solving common problems	
12:30 – 13:30	Lunch (GL22)		
13:30 – 14:00	Presentations:	Idealised or not: high-resolution modelling with the UM	Chris Holloway (University of Reading)
14:00 – 14:40		Part 6: UM data files	Grenville Lister
14:40 – 15:30	Hands-on:	Ex. 6: Further exercises	
15:30 – 16:00	Tea (GL22)		
16:00 – 17:30		Ex. 6: Further exercises	

## **Friday 15 December**

09:30 – 10:00	Presentations:	Summary of exercises	Annette Osprey
10:00 – 11:00	Hands-on:	Ex. 7: Rose/cylc exercises	
11:00 – 11:30	Coffee (GL22)		
11:30 – 12:00	Presentations:	Part 7: Tools and utilities	Grenville Lister
12:00 – 12:40		Data analysis and visualisation with cf-python and cf-plot	Andy Heaps & David Hassell (NCAS-CMS)
12:40 – 13:00	Hands-on:	Ex. 8: Post-processing	
13:00 – 14:00	Lunch (GL22)		
14:00 – 14:40		Ex. 8: Post-processing	
14:40 – 15:00	Presentations:	Part 8: Finale and discussion	Grenville Lister
15:00 – 15:30	Tea (GL22)		
15:30 – 17:00	Hands-on:	Finish off exercises	