



# NCAS Unified Model Introduction

Room GL20, Agriculture Building, University of Reading  
3 - 5 April 2019

## Wednesday 3 April

|               |                |  |                    |
|---------------|----------------|--|--------------------|
| 10:00 – 10:10 | Presentations: | Welcome  | Grenville Lister   |
| 10:10 – 10:40 |                | Part 1: UM Overview  | Grenville Lister   |
| 10:40 – 11:00 |                | Part 2: Running the UM   | Rosalyn Hatcher    |
| 11:00 – 11:30 | Coffee (GL22)  |  |                    |
| 11:30 – 13:00 | Hands-on:      | Ex. 1. Getting set up<br>Ex. 2: Working with suites<br>Ex. 3: Running a UM suite |                    |
| 13:00 – 14:00 | Lunch (GL22)   |  |                    |
| 14:00 – 14:30 | Presentations: | Overview of ARCHER   | Andy Turner (EPCC) |
| 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 4 April

|               |                |  |                        |
|---------------|----------------|--|------------------------|
| 09:30 – 10:00 | Presentations: | Part 4: Managing suites  | Grenville Lister       |
| 10:00 – 10:40 |                | Part 5: Rose/cylc suite files  | Rosalyn Hatcher        |
| 10:40 – 11:00 | Hands-on:      | Ex. 5: Solving common problems   |                        |
| 11:00 – 11:30 | Coffee (1L10)  |  |                        |
| 11:30 – 13:00 |                | Ex. 5: Solving common problems   |                        |
| 13:00 – 14:00 | Lunch (1L10)   |  |                        |
| 14:00 – 14:30 | Presentations: | Exploring the climate impact of aerosol<br>in several versions of HadGEM | Laura Wilcox (Reading) |
| 14:30 – 15:10 |                | Part 6: UM data files and IO   | Simon Wilson           |
| 15:10 – 15:30 | Hands-on:      | Ex. 6: Further exercises   |                        |
| 15:30 – 16:00 | Tea (1L10)     |  |                        |
| 16:00 – 17:30 |                | Ex. 6: Further exercises   |                        |

## Friday 5 April

|               |                |   |  |
|---------------|----------------|---|--|
| 09:30 – 10:00 | Presentations: | Summary of exercises  | NCAS-CMS                                 |
| 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<br>cf-python and cf-plot | Andy Heaps & David<br>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  | Grenville Lister                         |
| 15:00 – 15:30 | Tea (GL22)     |   |  |
| 15:30 – 17:00 | Hands-on:      | Finish off exercises  |  |