NCEO/ECMWF Intensive data-assimilation course

University of Reading, 7-10 March 2018

Wednesday 7 March

Palmer 108

9:00 Registration with coffee/tea

9:30 Introduction to Data Assimilation

10:30 Coffee/tea

Palmer G06

11:00 Variational data-assimilation methods

12:30 lunch

Palmer G05B-PC

13:00 Variational data-assimilation practical issues

14:00 Coffee/tea

14:30 Variational data-assimilation practicals

17:00 Drinks and canapés

Thursday 8 March

Agriculture GL22

9:00 Ensemble Kalman Filter theory

10:00 Coffee/Tea

10:30 Ensemble Kalman Filter practical issues

12:00 Lunch

Palmer G05B-PC

13:00 EMPIRE/PDAF system

13:30 EnKF practicals

15:00 Coffee/Tea

15:30 EnKF practicals (+ Var practical questions)

17:00 End of day

Friday 9 March

Miller 19
9:00 Hybrid methods theory
10:00 Coffee/Tea
10:30 Hybrid methods practical issues
11:30 When to use what
12:00 Lunch

Palmer G05B-PC
13:00 Hybrid methods practicals
15:00 Coffee/tea
15:30 Hybrid method practicals (+ questions other practicals)
17:00 End of day

Saturday 10 March

Meteorology GU01
9:00 Particle filter theory
10:00 Coffee/Tea
10:30 Particle Filter practical issues
12:00 Lunch

Room TBA
13:00 Particle Filter practicals
14:30 Coffee/Tea
15:00 Particle filter practicals (+ questions other practicals)
16:30 Certificates
17:00 End of course

National Centre for Earth Observation
NATURAL ENVIRONMENT RESEARCH COUNCIL