

2019 Joint NCEO/ECMWF Intensive Course on Data Assimilation

University of Reading, 5th - 8th March 2019



Tuesday 5th March

Palmer building, room G04 (building No. 26, grid C4 on campus map)

09:00 - 09:30

Registration with coffee/tea

09:30 - 10:45

Lecture: Introduction to DA

Amos Lawless

Edith Morley building, room 128 (building No. 1, grid C3 on campus map)

11:00 - 11:15

Coffee/tea

11:15 - 12:45

Lecture: Variational DA methods

Ross Bannister

12:45 - 13:45

Lunch

Agriculture building, room GL20-PC (building No. 59, grid D6 on campus map)

14:00 - 16:00

Practical: Variational DA

Ross Bannister / Polly Smith

Palmer building, room G02 (building No. 26, grid C4 on campus map)

16:15 - 16:30

Coffee/tea

16:30 - 17:30

Lecture: Variational DA, practical issues

Amos Lawless

Maths building, common room (building No. 4, grid D4 on campus map)

17:30

Icebreaker

Wednesday 6th March

Palmer building, room G06 (building No. 26, grid C4 on campus map)

09:15 - 10:45

Lecture: Ensemble Kalman filter theory

Alison Fowler

Knight building, room 133 (building No. 53, grid B4 on campus map)

11:00 - 11:15

Coffee/tea

11:15 - 12:15

Lecture: Ensemble Kalman Filter, practical issues

Sanita Vetra-Carvalho

12:15 - 12:45

Lecture: Introduction to PDAF / Archer

Sanita Vetra-Carvalho

12:45 - 13:45

Lunch

Allen laboratory, room G10-PC (building No. 48, grid C4 on campus map)

14:00 - 16:00

Practical: Ensemble Kalman Filter

Sanita Vetra-Carvalho / Natalie Douglas

Palmer building, room G02 (building No. 26, grid C4 on campus map)

16:15 - 16:30

Coffee/tea

16:30 - 17:30

Applications lecture: Studying the impact of using

Jemima Tabcart

correlated observation errors in the Met Office 1D-
Var system

Thursday 7th March

Edith Morley building, room 128 (building No. 1, grid C3 on campus map)

09:15 - 10:30	Lecture: Hybrid methods, theory	Javier Amezcua
10:30 - 11:00	Coffee/tea	
11:00 - 12:00	Lecture: Hybrid methods, practical issues	Javier Amezcua
12:00 - 12:45	Lecture: When to use what	Ross Bannister
12:45 - 13:45	Lunch	

Palmer building, room G05B-PC (building No. 26, grid C4 on campus map)

14:00 - 16:00	Practical: Hybrid methods	Alison Fowler / Javier Amezcua
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Palmer building, room G03 (building No. 26, grid C4 on campus map)

16:00 - 16:30	Coffee/tea	
16:30 - 17:30	Applications lecture: Coupled data assimilation	Polly Smith

**Venue: Zerodegrees*, microbrewery and restaurant, 9 Bridge Street
Reading, RG1 2LR ([map](#))**

19:00	Meal
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* www.zerodegrees.co.uk/restaurants/reading

Friday 8th March

Miller building, room G19 (building No. 49, grid C3 on campus map)

09:15 - 10:45	Lecture: Particle filter, theory	Javier Amezcua
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Chancellors building, room G08 (building No. 259, grid C3 on campus map)

11:00 - 11:15	Coffee/tea	
11:15 - 12:45	Lecture: Particle filter, practical issues	Polly Smith

Chancellors building, room G01 (building No. 259, grid C3 on campus map)

13:00 - 13:45	Lunch	
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Allen laboratory, room G10-PC (building No. 48, grid C4 on campus map)

14:00 - 16:00	Practical: Particle filter	Sanita Vetra-Carvalho / Javier Amezcua
	Certificates	Sarah Dance

The most up-to-date version of this timetable is available at: research.reading.ac.uk/met-darc/ecmwf2019