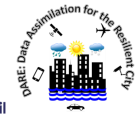










2020 Joint NCEO/ECMWF Intensive Course on Data Assimilation

University of Reading, 18th - 21st February 2020










research.reading.ac.uk/met-darc/ecmwf2020

Buildings may be found on the UoR [Whiteknights campus map](#)












Tuesday 18th February 2020				
09:00 - 09:30	Room 212	Mathematics (building 4, grid D4)	Registration	
09:30 - 10:45			 lecture: introduction to data assimilation	Amos Lawless
10:45 - 11:15			 tea/coffee break	
11:15 - 12:45			 lecture: variational methods, theory	Ross Bannister
12:45 - 13:45			 lunch break	
13:45 - 14:00			 walk across campus	
14:00 - 16:00	Room GL20-PC	Agriculture (building 59, grid D6)	 practical: variational methods	Ross Bannister
16:00 - 16:15	Room 1L06	Agriculture (building 59, grid D6)	 tea/coffee break	
16:15 - 17:15			 lecture: variational methods, practicalities	Amos Lawless
17:15 -			Icebreaker	








Wednesday 19th February 2020

09:15 - 10:45	Room G19	Miller (building 49, grid C3)	 lecture: ensemble Kalman filter, theory	Alison Fowler
10:45 - 11:15			 tea/coffee break	
11:15 - 12:15			 lecture: ensemble Kalman filter, practicalities	Alison Fowler
12.15 - 12.45			 lecture: parameter estimation	Alison Fowler
12:45 - 13:45			 lunch break	
13:45 - 14:00			 walk across campus	
14:00 - 16:00	Room GL20-PC	Agriculture (building 59, grid D6)	 practical: ensemble Kalman filter	Alison Fowler
16:00 - 16:30	Room 1L06	Agriculture (building 59, grid D6)	 tea/coffee break	
16:30 - 17:30			 applications lecture: crop modelling	Ewan Pinnington

Thursday 20th February 2020

09:15 - 10:45	Room 314	Mathematics (building 4, grid D4)	 lecture: hybrid methods, theory	Javier Amezcua
10:45 - 11:00			 tea/coffee break	
11:00 - 12:00			 lecture: hybrid methods, practicalities	Javier Amezcua
12:00 - 12:45			 applications lecture: 4DEnVar	Ewan Pinnington
12:45 - 13:45			 lunch break	
13:45 - 14:00			 walk across campus	
14:00 - 16:00	Room GL20-PC	Agriculture (building 59, grid D6)	 practical: hybrid methods	Javier Amezcua / Alison Fowler
16:00 - 16:30	Room 1L06	Agriculture (building 59, grid D6)	 tea/coffee break	
16:30 - 17:30			 lecture: chaotic dynamical systems	Alberto Carrassi

Friday 21st February 2020

09:30 - 11:00	Room GL20-PC	Agriculture (building 59, grid D6)	 lecture: particle filters	Javier Amezcua
11:00 - 11:15			 tea/coffee break	
11:15 - 12:45			 practical: particle filters	Javier Amezcua
12:45 - 13:00			 walk across campus	
13:00 - 13:45	Room 314	Mathematics (building 4, grid D4)	 lunch break	
13:45 - 14:00			 walk across campus	
14:00 - 15:30	Room GL20-PC	Agriculture (building 59, grid D6)	 lecture: when to use what?	Ross Bannister
15:30 - 16:00			Certificates	

End of course