

OpenIFS User Meeting



10–12 June 2015



Programme

Day 1: Wednesday 10 June

Weather Room

08:30-09:30 Registration

Conference Room

09:30-09:45 Welcome and introduction Erland Källén (ECMWF)

09:45-10:00 Workshop overview and organisation Glenn Carver (ECMWF)

10:00-10:30 Keynote lecture: The ECMWF ensembles Roberto Buizza (ECMWF)

10:30-11:00 *Coffee break*

Joint with UEF meeting in Lecture Theatre

11:00-11:30 Keynote lecture: More accuracy with less precision: recognizing the crucial role of uncertainty for developing high-res NWP systems Tim Palmer (University of Oxford)

Conference Room

11:30-11:50 Stochastic and perturbed parameter representations of model uncertainty in convection parametrization Hannah Christensen (University of Oxford)

11:50-12:10 Impact of stochastic- and super-parameterisation of convection on precipitation in the ECMWF model Aneesh Subramanian (University of Oxford)

12:10-12:30 The MC-KPP ocean model: Efficient, flexible and accurate atmosphere-ocean interactions for global coupled modelling Nick Klingaman (University of Reading)

12:30-13:00 Convection and waves on Small Earth and Deep Atmosphere Nouredine Semane (Météo Maroc)

13:00-14:00 *Lunch break*

Classroom

14:00-14:15 Briefing on the St Judes storm Linus Magnusson (ECMWF)

14:15-14:45 Metview introduction to exercises Sándor Kertész (ECMWF)

14:45-15:30 Case study exercises

15:30-16:00 *Coffee break*

16:00-18:00 Case study exercises

18.00 *Icebreaker social event (drinks and hot food). Meet ECMWF scientists.*

Day 2: Thursday 11 June

Classroom

09:00-10:00	Exercise – OpenIFS forecasts on the ECMWF Cray	Glenn Carver/Filip Váňa (ECMWF)
10:00-10:30	Working with GRIB exercises	Paul Dando (ECMWF)
10:30-11:00	<i>Coffee break and group photograph</i>	
11:00-13:00	Case study exercises	
13:00-14:00	<i>Lunch break</i>	
13:30-14:00	<i>Computer Hall Tour (optional)</i>	

Conference Room

14:10-14:30	Laboratory course in numerical meteorology at the University of Helsinki	Heikki Järvinen (University of Helsinki)
14:30-14:50	The UIO Galaxy based Geoportal: OpenIFS use case	Anne Fouilloux (University of Oslo)
14:50-15:15	Using OpenIFS to describe specific weather events at the Carpathian Basin	Gabriella Szépszó (Hungarian Meteorological Service)
15:15-15:45	<i>Coffee break</i>	
15:45-16:05	Prospects of stratosphere-troposphere interactions research with OpenIFS at NOMREC BSU	Siarhei Barodka (Belarus State University)
16:05-16:45	Effect of tropical sea surface temperatures on cyclone-related meridional moisture transport in the southern hemisphere	Victoria Sinclair (University of Helsinki)
16:45	<i>Depart to Oxford</i>	
19:00 for 19:30	<i>Workshop dinner at Lady Margaret Hall, University of Oxford Return travel provided by coach from ECMWF</i>	

Day 3: Friday 12 June

Classroom

09:00-10:30	Case study exercises and discussion preparation OpenIFS code consultancy	Filip Váňa (ECMWF)
10:30-11:00	<i>Coffee break</i>	
11:00-12:30	Case study presentations, discussion and feedback	
12:30-13:00	OpenIFS status and plans	Glenn Carver (ECMWF)
13:00-14:00	<i>Lunch break</i>	
14:00-15:00	Open discussion OpenIFS development, collaboration, training opportunities. Links to other projects (e.g. EC-Earth)	
15:00	Finish	