

Earth System Models

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Program

Monday, April 20

10:00	Art gallery available, tea/coffee for early arrivers
12:00	Welcome and lunch
12:45	Session: Coupling Systems (Chair: Sophie Valcke)
	Mariana Vertenstein - CESM Coupling Infrastructure
	V. Balaji - Recent advances in coupling at GFDL
	Jennifer Brauch - COSMO-CLM performance using OASIS
	Uwe Fladrich - A new hub: Coupling reviewed in EC-Earth/ESM
14:45	Tea/Coffee break
15:15	Session: Metrics, Benchmarking and Performance (Chair: Graham Riley)
	Sophie Valcke - IS-ENES2 Benchmarking (15m)
	Eric Maisonnave - IS-ENES2 performance metrics
	Mike Hobson - IS-ENES2 benchmarks, cubed sphere grids and remapping, ESMF and OASIS3-MCT
	Arnaud Caubel - Technical aspects of the IPSL Earth System model
17:00	Adjourn

Tuesday, April 21

9:00	Session: Interoperability, Related Domains & Metadata 1 (Chair: Rocky Dunlap)
	Scott D. Peckham - Earth System Bridge
	Carsten Lemmen - MOSSCO coupling framework
10:00	Tea/Coffee break
10:45	

	This session will start with a presentation and review of a set of mindmaps developed jointly by members of the International Working Committee on Coupling Technologies (IWCT) followed by discussion of the process of refining/evolving them, including development of a questionnaire to support populating mindmaps. This session follows up on the session on benchmarking at the 2 nd Coupling Workshop.
12:00	Lunch
13:00	Session: Coupling Technology (Chair: Rupert Ford)
	Robert Oehmke - ESMF and regridding
	Rocky Dunlap - NUOPC interoperability layer, Earth System Prediction Suite, and the Cupid Integrated Development Environment
	Li Liu - C-Coupler1
	Anthony Craig -OASIS3-MCT
15:00	Tea/Coffee break
15:30	Session: Interoperability, Related Domains & Metadata 2 (Chair: Tony Craig)
	Bert Jagers – Environmental modelling: crossing scales and domains
	Quillon Harpham - Metadata in a hydro-meteorological model chain
16:30	Open discussion
17:00	Adjourn
19:30	Workshop dinner at El Rincon's

Wednesday, April 22

9:00	Session: Coupling Systems II (Chair: Mariana Vertenstein)
	Kristian S. Mogensen - ECMWF "uncoupled" model coupling using subroutine calls
	Ufuk Turuncoglu - Regional ESM using NUOPC/ESMF
	Richard Hill - UKESM, 3D coupling
10:30	Tea/Coffee
11:15	Working Session II – Future Issues: interoperability, sharing of models/infrastructure, governance (Sophie Valcke, Rob Jacob)
12:30	Lunch
13:30	Coupling Systems III (Chair: Balaji)
	Steve Mullerworth - LFRic next generation Met Office UM, future challenges
	Jean-Christophe Rioual - Transition to Rose and high resolution coupled modelling

	Robert Jacob - DOE ACME project
15:00	Wrap up discussion and adjourn, tea/coffee and venue available until 17:00

Last Update: April 17, 2015, 3:33 a.m. by [Rupert Ford](#)



No Comments
