



Timestamp	Name	Affiliation	Title
Monday 21/09 <i>Session 1 - Coupling technology latest developments I (chairs: Tony Craig, Bert Jagers)</i>			
15h00-15h10	Welcome		
15h10-15h30	Sophie Valcke	Cerfacs	Latest developments of the OASIS3-MCT coupler for improved performance
15h30-15h50	Rocky Dunlap	NCAR	Update on the Earth System Modeling Framework
15h50-16h10	Li Liu	Tsinghua University	C-Coupler2: a flexible and user-friendly community coupler for model coupling and nesting
16h10-16h30	Moritz Hanke	German Climate Computing Center (Deutsches Klimarechenzentrum, DKRZ)	Update on YAC and an introduction to ICON-ESM
<i>Monday 16h30-16h50 : break</i>			
Monday 21/09 <i>Session 2 - Coupling technology latest developments II (chairs: Uwe Fladrich, Rocky Dunlap)</i>			
16h50-17h10	Vijay Mahadevan	Argonne National Laboratory	Couplers for E3SM: Comparisons between a fully online vs an offline-online remapping workflow
17h10-17h30	Robert Oehmke	National Center for Atmospheric Research	Earth System Modeling Framework Regridding Update
17h30-17h50	Nadine Wieters	Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research	esm-interface
17h50-18h10	Inti Pelupessy	Netherlands eScience Center	The Oceanographic Multipurpose Software Environment: introduction and applications.
18h10-18h30	Thomas Reerink	Research Software Engineer at KNMI supporting the EC-Earth consortium	Fast GCM - ice sheet model coupling software OBLIMAP 2.0, including on-line embeddable mapping routines.
<i>End of Monday 21/09</i>			
Tuesday 22/09 <i>Session 3 - Coupling models in practice I (chairs: Steve Easterbrook, Sophie Valcke)</i>			
15h00-15h20	Uwe Fladrich	SMHI	EC-Earth 4: Flexible coupling ESM components for practical use
15h20-15h40	Tobias Bauer	Leibniz Institute for Tropospheric Research	The two-way online-coupled model ICONGETM: Regridding strategy and capabilities provided by the X-Grid structure from ESMF
15h40-16h00	Mariana Vertenstein	National Center for Atmospheric Research	CMEPS: Community Mediator for Earth Prediction Systems
<i>Tuesday 16h00-16h20 : break</i>			
Tuesday 22/09 <i>Session 4 - Computational performances of coupled models (chairs: Li Liu, Rob Jacob)</i>			
16h20-16h40	Yun He	Lawrence Berkeley National Laboratory	Process and Thread Affinity with MPI/OpenMP
16h40-17h00	Guillaume Mercier	Bordeaux INP/ Inria	HW topology management in Message-Passing based parallel applications.



17h00-17h20	Samuel K. Gutierrez	Los Alamos National Laboratory	Adaptive Parallelism for Coupled, Hybrid Programs
17h20-17h40	Phil Jones	Los Alamos National Laboratory	Task Parallel Runtimes and Algorithmic Improvements for Coupled Earth System Models
17h40-18h00	Mario Acosta	Barcelona Supercomputing Center	Computational coupling cost evaluation: Challenges and solutions for the new generation of Earth System Models
<i>End of Tuesday 22/09</i>			
Wednesday 23/09 Session 5 – Data Assimilation and NWP (chairs: Kristian Mogensen, Andrea Piacentini)			
15h00-15h20	Sylvie Malardel	Météo-France	Ocean-Wave-Atmosphere coupling with SURFEX and OASIS for mesoscale simulations and numerical weather prediction of tropical cyclones
15h20-15h40	Dan Copsey	Met Office	The development of coupled NWP forecasting at the Met Office and ocean forecast systems
15h40-16h00	Lars Nerger	Alfred Wegener Institute	Efficient Ensemble Data Assimilation for Earth System Models with the Parallel Data Assimilation Framework
16h00-16h20	Phil Browne	ECMWF	Coupling requirements for various flavours of coupled variational data assimilation at ECMWF
16h20-16h40	Sergey Skachko	Environment and Climate Change Canada, Meteorological Research Division	Coupled atmosphere-ocean data assimilation system in the Canadian global prediction system.
<i>Wednesday 16h40-17h00 : break</i>			
Wednesday 23/09 Session 6 - Coupling models in practice II (chairs: Balaji, Sylvie Malardel)			
17h00-17h20	Carsten Lemmen	Helmholtz-Zentrum Geesthacht	Modular System for Shelves and Coasts (MOSSCO) -- Science applications, unstructured representations, and particle dynamics.
17h20-17h40	Aurore Voltaire	CNRM, Météo-France/CNRS	Improving the river outflow coupling in a global climate model
17h40-18h00	Tom Clune	NASA GSFC Global Modeling and Assimilation Office	New Capabilities in MAPL
18h00-18h20	Hendrik Tolman	NOAA / NWS / Office of Science and Technology Integration	The Unified Forecast System (UFS); using community modeling to improve operations at NOAA.
18h20-18h40	Neil Barton	US Naval Research Laboratory	Coupling in the Navy Earth System Prediction Capability (Navy-ESPC) global coupled model
<i>End of Wednesday 23/09</i>			
Thursday 24/09 Session 7 - Coupling models in practice III (chairs: Mariana Vertenstein, Mario Acosta)			
15h00-15h20	Einar Olason	The Nansen Center, Bergen, Norway	Coupling a moving-mesh to a fixed grid
15h20-15h40	Robin Smith	NCAS, University of Reading, UK	Moving the boundaries: coupling interactive ice sheets in UKESM
15h40-16h00	Nagaraju Chilukoti	National Institute of Technology (NIT) Rourkela, India	An assessment of potential climate impact during 1948- 2010 using historical land use land cover change maps



16h00-16h20	Niels Drost	Netherlands eScience Center	Coupling Hydrological models through eWaterCycle
16h20-16h40	Slavko Brdar	Research Center Juelich	A New Atmosphere-Land Coupling in TerrSysMP: ICON and CLM3.5
<i>Thursday 16h40-17h00 : break</i>			
<i>Thursday 24/09 Session 8 - Coupled model workflows (chairs: Aurore Voltaire, Carsten Lemmen)</i>			
17h00-17h20	Deniz Ural	Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research	ESM-Tools - A tool for Earth System Modelling
17h20-17h40	Arnaud Caubel	IPSL	CMIP6 at IPSL: a 4-year journey
17h40-18h00	Richard Hill	Met Office	Coupled model control systems: Problems = Opportunities
<i>End of Thursday 24/09</i>			