6th Workshop on Coupling Technologies for Earth System Models

Toulouse, France, January 18-20, 2023

Time (CET)	Speaker/Event	Title/Event	
Wednesday			
1:00 PM	lunch	Optional lunch on site in cafeteria	
2:00 PM	coffee	Welcome coffee with ESGF	
2:30 PM	Robert Jacob, Sophie Valcke	Welcome remarks	
2:40 PM	Sophie Valcke	OASIS3-MCT_5.0, the latest version of the OASIS coupler	Coupling Frameworks I
3:05 PM	Stefan Poll	Land-atmosphere coupling with ICON and CLM5.0 in TSMP using OASIS3-MCT	Coupling Frameworks I
3:30 PM	Robert Jacob	Replacing MCT with MOAB in E3SM	Coupling Frameworks I
3:55 PM	break	40 min afternoon coffee break	
4:35 PM	Daniel Rosen	Latest developments in ESMF	Coupling Frameworks I
5:00 PM	Tom Clune	MAPL3: A hierarchical framework based on ESMF	Coupling Frameworks I
5:25 PM	Mariana Vertenstein	Infrastructure for next generation community models using ESMF/NUOPC	Coupling Frameworks I
5:50 PM	Ufuk Turuncoglu	Towards an Exchange Grid Implementation within the UFS	Coupling Frameworks I
6:15 PM	adjourn	end at 6:15pm	
Thursday			
9:20 AM	day 2 remarks		
9:25 AM	Tomoko Nitta	MIROC-ILS coupling: Coupling multiple land component models to an atmosphere and ocean model with Jcup	Coupled Systems / Science of Coupling
9:50 AM	Juan Manual Castillo Sanchez	The UKC3 regional coupled model	Coupled Systems / Science of Coupling
10:15 AM	Vincenzo de Toma	Prognostic Schemes of Skin Sea Surface Temperature for ocean-atmosphere coupled regional modeling	Coupled Systems / Science of Coupling
10:40 AM	break	40 min mid morning break	
11:20 AM	Nagaraju Chiluktoi	An Assessment of coupling of CFS model with SSiB Land surface model on regional Climate	Coupled Systems / Science of Coupling
11:45 AM	Quentin Desmet	A new regional coupled model for Southeast Asia	Coupled Systems / Science of Coupling
12:10 PM	Carsten Lemmen	Modeling systems in modeling systems in modeling systems - FABM in SCHISM in CoastalApp	Coupled Systems / Science of Coupling
12:35 PM	Stefan Jendersie	Maintaining hydrostatic stability when coupling ROMS' ice shelf to an ice sheet model	Coupled Systems / Science of Coupling
1:00 PM	lunch break	1 hour 20 min lunch break	

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2:20 PM	Oliver Marti	Time schemes at the ocean-atmosphere interface	Coupled Systems / Science of Coupling
2:45 PM	Jan Streffing	High resolution coupling with OpenIFS-FESOM2	Performance
3:10 PM	Kristian Morgensen	Coupling at scale: Experiences from the INCITE project.	Performance
3:35 PM	break	40 min afternoon break	
4:15 PM	Sergi Palomas	Automatic approach to balance coupled ESMs	Performance
4:40 PM	Arnaud Caubel	Ensemble simulations with IPSL climate model	Performance
5:05 PM	adjourn	end at 5:05pm	
6:15 PM	walking tour	1 hour	
8:00 PM	dinner	conference dinner	
Friday			
9:10 AM	day 3 remarks		
9:15 AM	Bert Jagers	Status update on BMI core and extensions	Coupling Framework II
9:40 AM	Li Liu	C-Coupler3: an integrated coupler infrastructure for Earth system modelling.	Coupling Framework II
10:05 AM	Moritz Hanke	Update on YAC and coupled high resolution ICON-ESM	Coupling Framework II
10:30	break	40 min mid-morning break	
11:10 AM	Yann Meurdesoif	XIOS-3 : Toward a new infrastructure of HPC services and model coupling	Coupling Framework II
11:35 AM	Uwe Fladrich	Automating the Coupling Configuration for EC-Earth4	Coupling Framework II
12:00 PM	Caroline Arnold	Fortran-Python Bridge for Machine Learning Applications in Earth System Models	Coupling Framework II
12:25	discussion		
1:00 PM	adjourn	end at 1pm; optional lunch on site in cafeteria	