

Ninth Earth System Grid Federation (ESGF) Conference

January 18–20, 2023



Météo-France (afternoons) & Novotel Toulouse
Centre Wilson (evenings) in Toulouse, France, jointly with
Oak Ridge National Laboratory in Oak Ridge, Tennessee, USA



Draft Agenda

The technical sessions will be held during the European afternoons and US mornings, and less-intensive plenary presentations about related projects and tools will be held during the European evenings and US afternoons. Wednesday and Thursday sessions will be held jointly and address general ESGF development and maintenance activities. Friday's session will be held in the US and may be attended virtually; it will primarily focus on US-funded project resources and activities. Meeting contacts:

* In France, contact Sophie Morellon <sophie.morellon@lsce.ipsl.fr> or Phil Kershaw <philip.kershaw@stfc.ac.uk>

* In the US, contact Makysa Mitchell <mitchellme@ornl.gov> or Forrest Hoffman <forrest@climatemodeling.org>

Wednesday, January 18, 2023			
EST	CET	Description	
7:30		Shuttle from ORNL Guest House to Conference Center	
7:30	13:30	Breakfast (US) Coffee/Tea Break (France)	
8:30	14:30	Welcome and Introductions	
	8:30 14:30	Introduction to the ESGF Steering Committee and Supporting Programs	Jay Hnilo, Tsengdar Lee, Sylvie Joussaume, and Ben Evans
	8:45 14:45	Welcome to ORNL and Toulouse	
	8:50 14:50	Introduction of the ESGF Organization	
	8:55 14:55	Introduction to the ESGF Executive Committee	
9:00	15:00	Review and Lessons Learned from CMIP6	
9:30	15:30	Technical Discussion: Index and Search	
10:00	16:00	Break	
10:15	16:15	Technical Discussion: Index and Search (continued)	
10:30	16:30	Technical Discussion: Publishing	
11:15	17:15	Technical Discussion: Identity and Access Management	
12:00	18:00	Lunch (US) Transport to Hotel and Dinner (France)	
13:00		ESGF2-US Project Meeting (US)	
14:00	20:00	Plenary Presentation: Globus	Rachana Ananthakrishnan
14:30	20:30	Talk & Demo: Introduction to Metagrid	Carlos Downie and Sasha Ames
15:00	21:00	Plenary Presentation: PANGEO	
15:30	21:30	Talk & Demo: Jupyter Notebooks and CMIP6 Cookbook	Maxwell Grover
16:00	22:00	Adjourn	
16:00		Shuttle from ORNL Conference Center to Guest House	
16:15		Optional Tour: Frontier and Summit Supercomputers (US)	
17:15		Shuttle from ORNL Conference Center to Guest House	
18:30		Dinner	

Thursday, January 19, 2023			
EST	CET	Description	
7:00		Shuttle from ORNL Guest House to Conference Center	
7:00	13:00	Breakfast (US) Coffee/Tea Break (France)	
8:00	14:00	Technical Discussion: Data Interfaces/Access	
8:45	14:45	Technical Discussion: Server-side Computing (Compute Working Team)	
9:30	15:30	Technical Discussion: Controlled Vocabularies	
10:00	16:00	Break	
10:15	16:15	Technical Discussion: User Computing	
11:00	17:00	Technical Discussion: UI/UX Frontend	
11:45	17:45	Wrap-Up and Next Steps	
12:00	18:00	Lunch (US) Transport to Hotel and Dinner (France)	
13:00		ESGF2-US Project Meeting (US)	
14:00	20:00	Plenary Presentation: Plans for CMIP7	CMIP & WIP
14:30	20:30	Talk & Demo: ESMValTool Package	Klaus Zimmerman
15:00	21:00	Plenary Presentation: ESA Earth Observation Exploitation Platform Common Architecture	Ag Stephens and/or Phil Kershaw
15:30	21:30	Talk & Demo: PCMDI Metrics Package (PMP) and International Land Model Benchmarking (ILAMB) Packages	
16:00	22:00	Adjourn	
16:00		Shuttle from ORNL Conference Center to Guest House	
16:15		Optional Tour: ORNL Spallation Neutron Source (SNS)	
17:15		Shuttle from ORNL Conference Center to Guest House	
18:30		Dinner	

Friday, January 20, 2023			
EST	CET	Description	
8:30		Shuttle from ORNL Guest House to Conference Center	
8:30		Breakfast	
9:00		DOE ESGF2-US Resource Planning	
	9:00	NCCS-Open and Themis Storage System	Eli Dart
	9:10	ESnet	
	9:20	ESS-DIVE	
	9:30	ARM Data Center	
	9:40	PCMDI	
	9:50	E3SM	
10:00		Break	
10:15		Discussion: DOE-BER Data System Integration	
10:45		Discussion: Demonstrations and Technical Evaluations	
11:15		Discussion: Outreach Activities	
11:30		Wrap-up and Next Steps	
12:00		Lunch (Boxed for departing participants)	
12:30		Adjourn	
12:45		Shuttle from ORNL Conference Center to Guest House	