OAK RIDGE
National Laboratory

MANAGED BY UT-BATTELLE LLC FOR THE US DEPARTMENT OF ENERGY

Agenda as of August 4, 2025

Event Contacts	Verónica Melesse Vergara, 503-764-5797, vergaravg@ornl.gov MacKenzie Boyd, 865-617-9368, boydm@ornl.gov

Oak Ridge Leadership Computing Facility (OLCF) Annual User Meeting | Day 1			
Time	**Event**	**Presenter**	**Location**
Tuesday, August 5th, 2025			
8:00 a.m.	**Check-in Registration**		ORNL Lobby, Building 5200
8:30 a.m.	**Welcome & Kickoff,** *working breakfast*		ORNL Lobby, Building 5200
	ORNL Welcome & Day 1 Introduction	Verónica Melesse Vergara, ORNL	TN Rooms, Building 5200
	OLCF User Group Executive Board Welcome	Emily Belli, General Atomics	TN Rooms, Building 5200
	Welcome from National Center for Computational Sciences	Arjun Shankar, ORNL	TN Rooms, Building 5200
9:15 a.m.	**myOLCF Program Updates**	Aaron Barlow, ORNL	TN Rooms, Building 5200
9:45 a.m.	**Scalable Lattice Boltzmann LES for Full-Human Arterial Blood Flow Simulation**	Peter Coveney	TN Rooms, Building 5200
10:15 a.m.	**AM Coffee Break**		ORNL Lobby, Building 5200
10:30 a.m.	**Computational Fluid Dynamics at the Edges of the Flight Envelope**	Adam Clark, Boeing	TN Rooms, Building 5200
11:00 a.m.	**Pushing OLCF Frontier >100T Grid Point CFD Sims via MFC and IGR**	Spencer Bryngelson, Georgia Tech	TN Rooms, Building 5200
11:30 a.m.	**ORNL AI Initiative**	Prasanna Balaprakash, ORNL	TN Rooms, Building 5200

12:00 p.m.	**Day 1 | Lightning Talks Overview**	Chris Fuson, ORNL	TN Rooms, Building 5200
12:15 p.m.	**Lightning Talks, *working lunch***		
	OLCF Training	Suzanne Parete-Koon, User Assistance	
	OLCF Office Hours	Logan Gillum, User Assistance	
	HPC Compute Containers	Subil Abraham, User Assistance Elijah MacCarthy, System Acceptance and User Environment	
	Data Storage	Brenna Miller, HPC Storage and Archive Ethan Frenza, HPC Storage and Archive	
	MyOLCF	Kita Cranfill, Software Services Development	
	Quantum and HPC	Michael Sandoval, User Assistance	
	Frontier Programming Environment and Software	Nick Hagerty, System Acceptance and User Environment Asa Rentschler, System Acceptance and User Environment	
	Data Visualization and Analysis	Ken Moreland, Research Visualization	
1:30 p.m.	**OpenMP Offload 101 on Frontier**	Swaroop Pophale, ORNL Wael Elwasif, ORNL Reuben Budiardja, ORNL	TN Rooms, Building 5200
	OLCF Office Hours		
3:00 p.m.	**Historic Graphite Reactor Tour**		Graphite Reactor

3:30 p.m.	**PM Coffee Break**		ORNL Lobby, Building 5200
3:45 p.m.	**Poster Session & Data Visualization Showcase Overview**	Gina Jaklic, ORNL Vanessa Lama, ORNL	TN Rooms, Building 5200
4:00 p.m.	**OLCF Supercomputer Tour Group Photos & Individual Headshots with Frontier**		Frontier Overlook, Building 5600, Room C102
5:00 p.m.	**Poster Session & Data Visualization Showcase,** *heavy hors d'oeuvres in lieu of dinner*		Court of Flags, Building 5600
6:30 p.m.	**Poster Session Ends,** *depart ORNL*		
7:30 p.m.	**Adjourn & Off-Site Social,** *no-host*		35 North Bar & Grill Farragut, TN

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Oak Ridge Leadership Computing Facility (OLCF) Annual User Meeting | Day 2

Time	Event	Presenter	Location
	Wednesday, August 6th, 2025		
8:00 a.m.	**Check-in & Registration**		ORNL Lobby, Building 5200
8:30 a.m.	**Welcome Back	Day 1 Recap & Day 2 Overview,** *working breakfast*	Verónica Melesse Vergara, ORNL	TN Rooms, Building 5200
8:45 a.m.	**Storage Updates**	Ethan Frenza, ORNL	TN Rooms, Building 5200
9:15 a.m.	**OLCF Communications Update**	Katie Bethea, ORNL	TN Rooms, Building 5200
9:45 a.m.	**Constellation**	Meghan Berry, ORNL Rajesh Kalyanam, ORNL	TN Rooms, Building 5200
10:15 a.m.	**AM Coffee Break**		ORNL Lobby, Building 5200
10:30 a.m.	**Discovering New Clues to Improving Confinement in Fusion Burning Plasmas**	Emily Belli, General Atomics	TN Rooms, Building 5200
11:00 a.m.	**Orchestrating Hierarchical Algorithms for Complex Scientific Applications on OLCF Systems with the PaRSEC Runtime**	Qinglei Cao, St. Louis University	TN Rooms, Building 5200
11:30 a.m.	**2027 INCITE Proposal Workshop**	Dmytro Bykov, ORNL	TN Rooms, Building 5200
12:00 p.m.	**Day 2	Lightning Talks Overview**	Chris Fuson, ORNL	TN Rooms, Building 5200
12:15 p.m.	**Lightning Talks,** *working lunch*		

	Data Publishing and Constellation	Meghan Berry, Data and Platform Services Josh Brown, Data and Platform Services	
	OLCF Hackathons	Suzanne Parete-Koon, User Assistance Asim YarKhan, System Acceptance and User Environment	
	INCITE Technical Review	Dmytro Bykov, Advanced Computing for Chemistry and Materials	
	Quantum and HPC	Michael Sandoval, User Assistance	
	MyOLCF	Kita Cranfill, Software Services Development	
	Large-scale AI	Sajal Dash, Analytics and AI Methods at Scale Michael Sandoval, User Assistance	
	Tools	Philip Roth, Algorithms and Performance Analysis	
	Jupyter	Spencer Ward, User Assistance	
1:30 p.m.	**Quantum Computing User Program Talk**	Murali Gopalakrishnan Meena, ORNL	TN Rooms, Building 5200
2:00 p.m.	**IQM Quantum Hands-On Training**	Murali Gopalakrishnan Meena, ORNL	TN Rooms, Building 5200
	OLCF Office Hours		TN Rooms, Building 5200
3:30 p.m.	**PM Coffee Break**		ORNL Lobby, Building 5200
3:45 p.m.	**Discovery Updates**	Matt Sieger, ORNL	TN Rooms, Building 5200

4:00 p.m.	**OLCF User Group Elections**	Reuben Budiardja, ORNL	TN Rooms, Building 5200
4:15 p.m.	**Poster Session & Data Visualization Showcase Awards**	Gina Jaklic, ORNL Vanessa Lama, ORNL	TN Rooms, Building 5200
4:30 p.m.	**Adjourn**		