

August 2022 OLCF User Conference Call

Center Announcements

ORNL is managed by UT-Battelle, LLC for the US Department of Energy

Nominations for OLCF User Group Executive Board

- If elected, you will serve on a 10-person board that provides advice and feedback to the OLCF on the current and future states of OLCF
- 3 year term of service
- Elections will be held electronically during the user meeting
- The nomination will take place through September 30
- You may nominate yourself at:

www.olcf.ornl.gov/2022-ougeb-nomination

2023 BSSw Fellowship Program

- Each 2023 BSSw Fellow will receive up to \$25,000 for an activity that promotes better scientific software.
- Applications are now being accepted through September 30, 2022
- Details of the program can be found at <https://bssw.io/fellowship>
- Those interested in applying are encouraged to participate in an informational fellowship webinar and Q&A session, scheduled for 1-2pm EDT on Thursday, 8 September 2022. Please subscribe to the mailing list (<https://bssw.io/pages/receive-our-email-digest>) for teleconference details and other updates on the program.

Nsight Systems and Nsight Compute Profiling Workshop

- NVIDIA Nsight is a system-wide performance analysis tool designed to visualize algorithms, identify potential optimizations, and tune to scale efficiently across any quantity or size of CPUs and GPUs.
- Workshop will show how to use Nsight Systems and Nsight Compute for tracing an HPC application.
 - Open to OLCF, NERSC, ALCF users
- If not a user, you are welcome to register to watch the lectures
- Today from 1 PM to 3 PM, given by NVIDIA
- Please find more details and registration here:
<https://www.olcf.ornl.gov/calendar/nsight-systems-and-nsight-compute-profiling-workshop/>

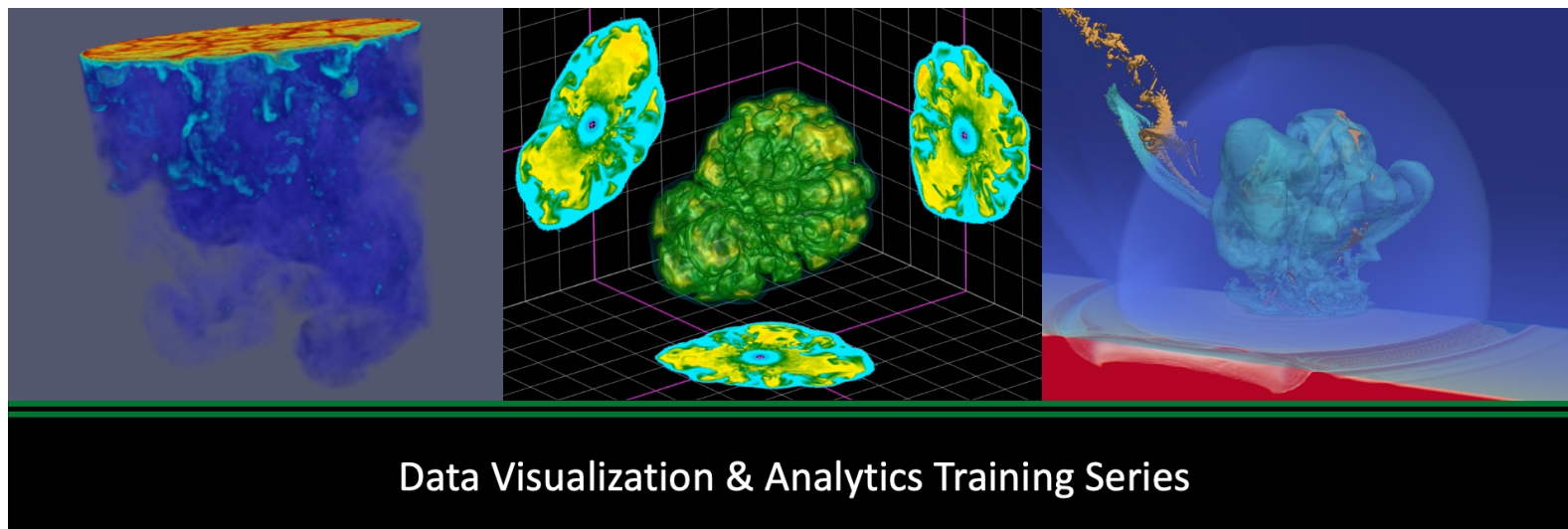
2022 ALCF Simulation, Data, and Learning Workshop

- October 4-6 (registration deadline Sept 16th)
- The ALCF's Simulation, Data, and Learning Workshop is designed to help researchers improve the performance and productivity of simulation, data science, and machine learning applications on ALCF systems.
- Will get access to Polaris (ALCF)
- Although on ALCF machines, will be good practice
- For more information: <https://www.alcf.anl.gov/events/2022-alcf-simulation-data-and-learning-workshop>

2022 OLCF Annual User Meeting

- October 18-19 (virtual / remote)
- A time to share computational science and engineering achievements emerging from the OLCF's user programs, to enable interactions among users, connect with our user community, and to highlight computational requirements for the future
- The 2022 meeting will feature OLCF Facility updates, user-experience talks on Frontier early hardware, deep dive discussions with OLCF staff, and OLCF executive board election results
- For more information or to register, see <https://www.olcf.ornl.gov/calendar/2022-olcf-user-meeting/>

DVA Training Series: ParaView and Visit at OLCF



- Data Visualization and Analytics Training Series (DVA for short 😊)
- September 15th: ParaView at OLCF
 - <https://www.olcf.ornl.gov/calendar/paraview-at-olcf>
- October 13th: Visit at OLCF
 - <https://www.olcf.ornl.gov/calendar/visit-at-olcf>
- Beginner friendly demos (don't have to follow along live) -- pass along to students

VisIt + ParaView Reminders / Announcements

- Switch to VisIt 3.2.2 !!!!!!!
 - https://docs.olcf.ornl.gov/software/viz_tools/visit.html
- ParaView 5.10.0 is now available (5.9.1 still works)
 - https://docs.olcf.ornl.gov/software/viz_tools/paraview.html

Upcoming Concalls (tentative)

- September 28: Julia Overview
- Are there topics you want covered?
Contact help@olcf.ornl.gov

Upcoming Outages

- No scheduled outages through September 9th

Today's Presentation

- *Andes Overview*
 - *per survey request*
- Speaker: Leah Huk