Today's plan

• Interactive - please participate!
  • Raise hand or just speak up
  • **NERSC User Slack** (link in chat), **#webinars** channel

• Agenda:
  • Win-of-the-month
  • Today-I-learned
  • Announcements/CFPs
  • Topic of the day: **Preparing for AY22** with Helen He
  • Coming meetings: topic suggestions/requests?
  • Last month's numbers
Win of the month

Show off an achievement, or shout out someone else's achievement, e.g.:

• Had a paper accepted
• Solved a bug
• A scientific achievement (maybe candidate for Science highlight, or **High Impact Scientific Achievement award**)
• An **Innovative Use of High Performance Computing** (also a candidate for an award) ([https://www.nersc.gov/science/nersc-hpc-achievement-awards/](https://www.nersc.gov/science/nersc-hpc-achievement-awards/))

Please let us know of award-worthy work from you or your colleagues - tell us what you did, and what was the key insight?
Today I learned

What surprised you that might benefit other users to hear about?
(and might help NERSC identify documentation improvements!)

Eg:

- Something you got stuck on, hit a dead end, or turned out to be wrong about
  - Give others the benefit of your experience!
  - Opportunity to improve NERSC documentation
- A tip for using NERSC
- Something you learned that might benefit other NERSC users

"If we knew what it was we were doing, it would not be called research, would it?" - Einstein
See weekly email for these and more:

- ALCC Pre-proposals due Friday (tomorrow)
- Federated ID pilot - LBL users can access NERSC web-based resources using the LBL identity
- Winter holiday shutdown - Dec 24 - Jan 3 - No consulting, limited account support
- AY Transition (more on this in a moment) - Jan 19, 2022
Perlmutter Announcements


- Nvidia HPC SDK training January 12-13, 2022 - see [https://www.nersc.gov/users/training/events/nvidia-hpc-sdk-training-jan2022/](https://www.nersc.gov/users/training/events/nvidia-hpc-sdk-training-jan2022/)

  Nvidia compiler is the default and recommended compiler for Perlmutter GPU

- Users with GPU-ready workloads can [request access to Perlmutter by filling out this form](https://www.nersc.gov/users/training/events/nvidia-hpc-sdk-training-jan2022/)

- Prepare your dotfiles for Perlmutter!
  - $HOME is shared across both systems, but each system has its own modules (and module system), etc
  - Check $NERSC_HOST before making system-specific settings in your .bashrc / .cshrc
Announcements and CFPs

- Please participate in the **NERSC Annual User Survey**! Look for an email (a couple of weeks ago) from NERSC@nbriresearch.com for your survey link.

- Applications for DOE Computational Science Graduate Fellowship are now open
  - For first- and second- year PhD students

- Nominate someone for the James Corones Award in Leadership, Community Building & Communication
  - Mid-career scientist or engineer making an impact in leadership, community building, and scientific communication

- Others?
Preparing for AY22
Coming up

January: (tentatively) A presentation of some of the work of one of our regular participants

Also coming soon:
NERSC docs

We'd love to hear some lightning talks from NERSC users about the research you use NERSC for!
Last month's numbers - Nov

Cori: 3 outages (2 unscheduled totaling 3 hrs 0 min)

- Problem with service nodes
- $CSCRATCH issue
Last month's numbers - Nov

Cori queue backlogs:
Last month's numbers - Nov

New tickets:

Active/open tickets:
Thank You