NUG Monthly Meeting

17 February, 2022
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: How to use and contribute to NERSC documentation for users - with Johannes Blaschke from NERSC
  - 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/)

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
Announcements and CFPs

See weekly email for these and more:

• Cori OS Upgrade and New Default Environment in March 2022
  • Statically-linked codes will need relink,
  • Rebuilding is recommended
• NERSC Summer internships
  • Are you, or do you have, a student looking for a summer internship? NERSC has several projects, check [https://www.nersc.gov/research-and-development/internships/](https://www.nersc.gov/research-and-development/internships/) for more information
Announcements and CFPs

- NVIDIA Performance Tools for A100 GPU Systems Training on February 23
- Introduction to Programming with SYCL on Perlmutter & Beyond, March 1
- IDEAS-ECP Webinar on "Software Design Patterns in Research Software with Examples from OpenFOAM" March 9

- Others?
How to use and contribute to NERSC documentation for users

Johannes Blaschke, NERSC
Coming up

Upcoming topics:

NERSC Annual User Survey - a first look at some outcomes

We'd love to hear more lightning talks from NERSC users about the research you use NERSC for!

Nominate a topic at https://forms.gle/WjYx7zV7SAz2CaYz7
Last month's numbers - Dec

Cori: 1 outages (1 unscheduled totaling 2 hrs 0 min)

Perlmutter: 3 outages (1 unscheduled totaling 0 hrs 34 min)
Last month's numbers - Dec

Cori KNL Availability:

Scheduled:

Overall:

[Chart showing Cori KNL Availability]
Last month's numbers - Dec

Capability metric:

Active/open tickets:
Thank You