NUG Monthly Meeting

NeRSC

15 September, 2022

U.S. DEPARTMENT OF ENERGY | Office of Science

BERKELEY LAB
Lawrence Berkeley National Laboratory

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 write a good ticket?** Laurie Stephey from NERSC Data and Analytics Service has some tips
  - Coming meetings: topic suggestions/requests?

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 emails for these and more:

- NUG Annual Meeting, Oct 11,12,13
  - Fully virtual, 9am - Noon, PT
  - No NUG Monthly Meeting in October
  - Schedule coming soon
- NUGEX nominations now open
  - The NUG Executive Committee is a group of NERSC users who oversee NUG activities for the benefit of NERSC's user community.
  - Nominate yourself or a colleague via the form at https://forms.gle/hRgX1KHTjKGroDzk7

Announcements and CFPs

See emails for these and more:

- ERCAP Allocations Requests Due October 3
- Perlmutter: Scratch Maintenance Ongoing; Charging Postponed until upgrade complete
- CfPs:
  - ALCF Simulation, Data, and Learning Workshop, Oct 4-6 - register by tomorrow!
  - ALCF Intro to AI-Driven Science on Supercomputers Series, Sep-Nov, register by tomorrow!
  - HPE/Cray Perftools & Reveal Training, Sept 22

Announcements and CFPs

See weekly email for these and more:

- CfPs:
  - VASP Hands-On User Training, Sept 27
  - NERSC GPU Hackathon (Nov/Dec) - applications due Sept 27
  - NERSC New User Training, Sept 28
  - TotalView training - moved to Sept 29
  - Applications 2023 Better Scientific Software Fellowship Program due Sept 30
  - SuperCheck-SC22 Lightning Talks track accepting submissions
  - Confab22 -- ESnet's first annual user meeting! Oct 12-13
  - IDEAS-ECP Webinar on "Investing in Code Reviews for Better Research Software", October 12

Announcements and CFPs

Upcoming announcements (look for next week's email):

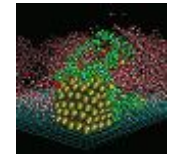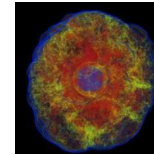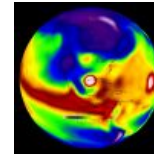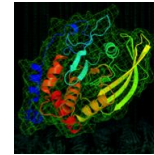- Data Day and NESAP/GPUs-for-Science case studies - October
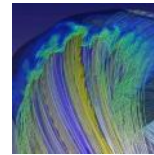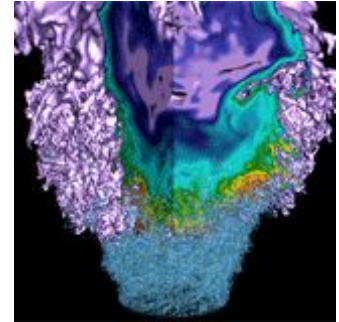
Others?

Announcements and CFPs

Others?

How to write a good help ticket

Laurie Stephey - NERSC Data and Analytics Services

Coming up

Upcoming topics:

    - Suggestions welcome!

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

Thank You