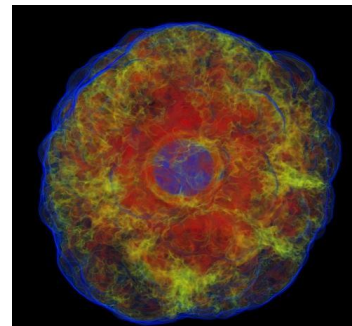
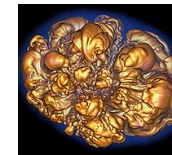
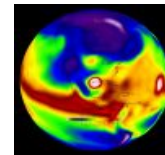
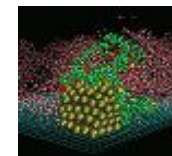
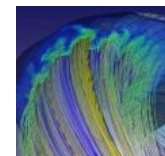
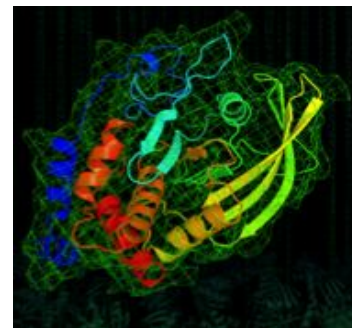
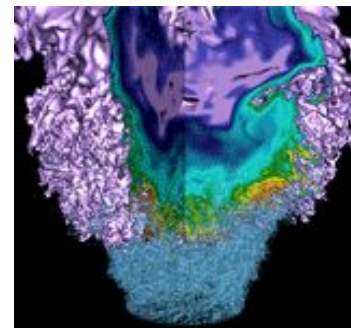


# NUG Monthly Meeting



16 June, 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: **Managing and Publishing Data at NERSC** with Annette Greiner from NERSC Data and Analytics Services
  - 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

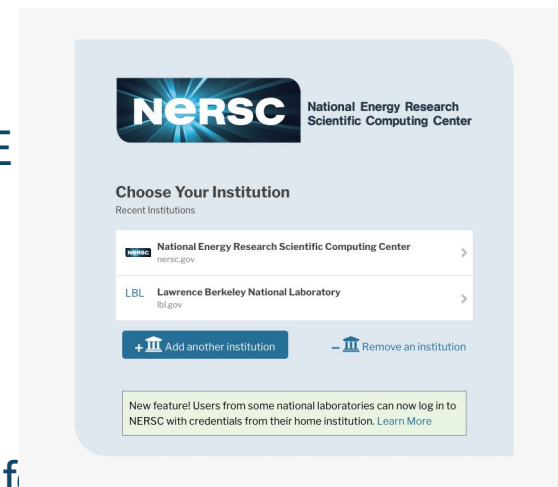
"If we knew what it was we were doing, it would not be called research, would it?" -  
Einstein

# Announcements and CFPs



See weekly email for these and more:

- NUG SIG for WRF Users at NERSC
  - Join `#wrf_user` in NUG Slack
- Federated ID now available for users from most DOE Labs
  - For most NERSC web services
  - One less password to remember
- NERSC ML users survey
  - Help us optimize Perlmutter and future systems for ML capability and performance



# Announcements and CFPs



See weekly email for these and more:

- CfPs:
  - Smoky Mountains Data Challenge
  - (Self) Nominations for George Michael Memorial HPC Fellowship  
Due June 30.
    - For PhD students doing HPC-related research
    - \$\$, Recognition and SC22 expenses + award
  - Third International Symposium on Checkpointing for Supercomputing

# Announcements and CFPs

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See weekly email for these and more:

- Training events:
  - Next SpinUp Workshop Starts June 22
  - Profiling Deep Learning Applications with NVIDIA Nsight, June 30
  - Coordinating Dynamic Ensembles of Computations with libEnsemble, July 7

# Announcements and CFPs

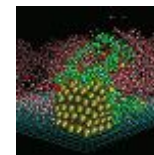
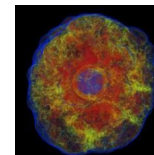
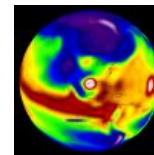
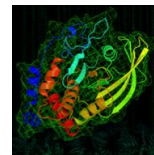
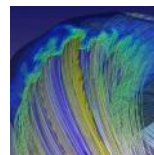
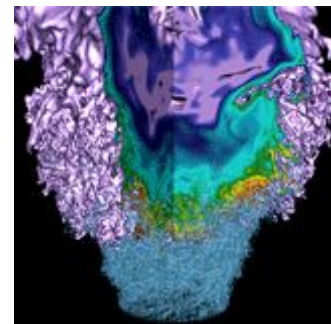
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Others?



# Managing and Publishing Data at NERSC

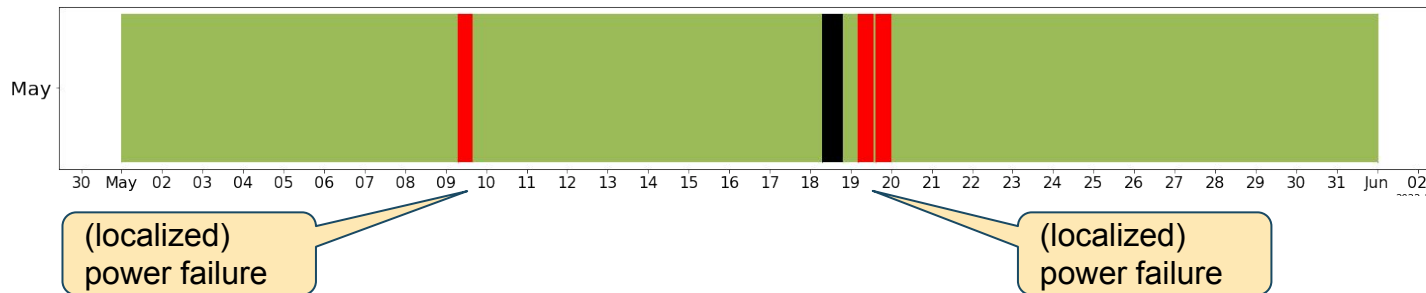


Annette Greiner, NERSC Data and  
Analytics Services

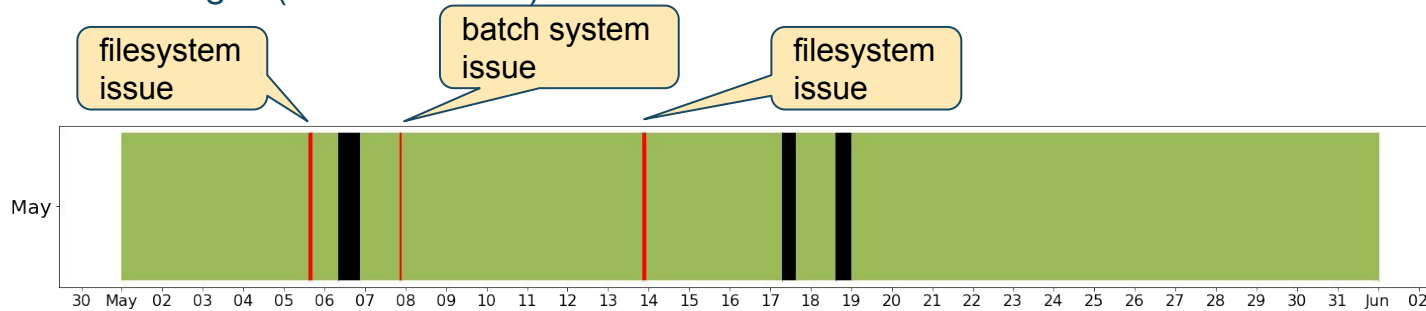
# Last month's numbers - May



Cori: 3 outages (2 unscheduled)



Perlmutter: 6 outages (3 unscheduled)



# Coming up

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Upcoming topics:

Interactive HPC workflows for experimental user facilities

HPSS Interfaces

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**



U.S. DEPARTMENT OF  
**ENERGY**

Office of  
Science

