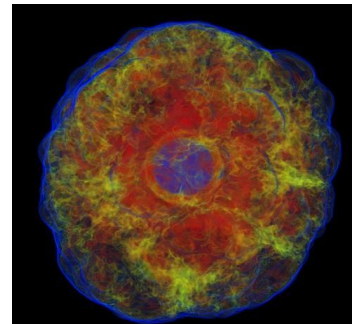
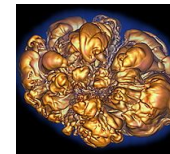
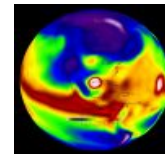
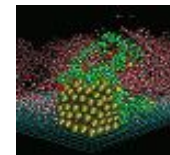
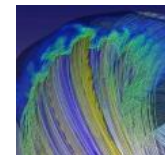
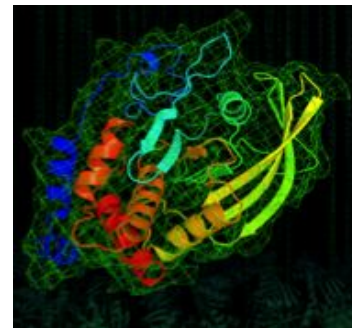
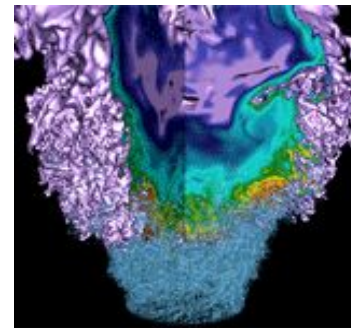


# NUG Monthly Meeting



17 March, 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: **Remote development in NERSC Shifter containers with Visual Studio Code** - with Oliver Schulz from Max Planck Institute for Physics
  - 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

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See weekly email for these and more:

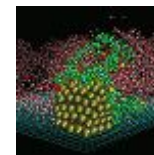
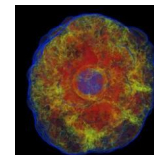
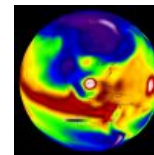
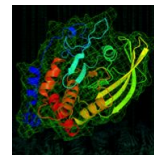
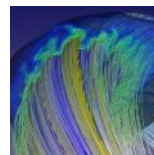
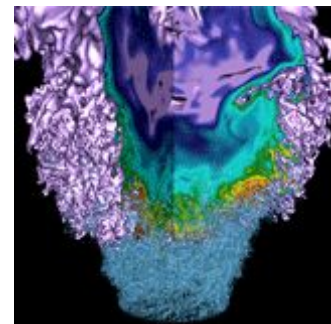
- **Cori OS Upgrade and New Default Environment installed yesterday**
  - Statically-linked codes will need relink,
  - Rebuilding is recommended
  - Let us know if something isn't working! <https://help.nersc.gov>
- NERSC Summer internships
  - Are you, or do you have, a student looking for a summer internship? NERSC has several projects, check <https://www.nersc.gov/research-and-development/internships/> for more information

# Announcements and CFPs



- **Globus Endpoint Now Available for Perlmutter Scratch**
  - See <https://docs.nersc.gov/services/globus/#availability> for connection details
- Training on "Coding for GPUs Using Standard C++", April 7
- IDEAS-ECP Webinar on "Evaluating Performance Portability of HPC Applications & Benchmarks across Diverse HPC Architectures" April 13
- Next SpinUp Workshop Starts April 20
- Others?

# Remote development in NERSC Shifter containers with Visual Studio Code



Oliver Schulz,  
Max Planck Institute for Physics

# Coming up

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Upcoming topics:

NERSC Annual User Survey - a first look at some outcomes

HPSS Interfaces

Data Citation and DOIs

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

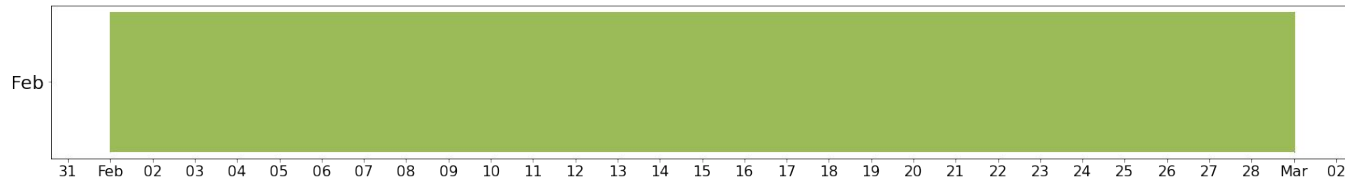
Nominate a topic at <https://forms.gle/WjYx7zV7SAz2CaYz7>



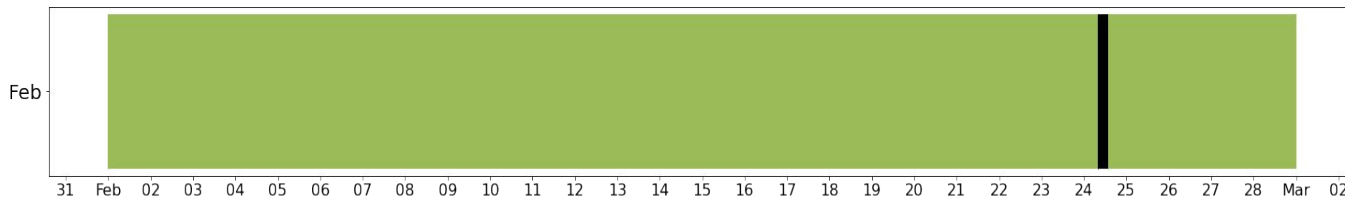
# Last month's numbers - Feb



Cori: 0 outages (Maintenance was cancelled in Feb, in preparation for major maintenance yesterday)



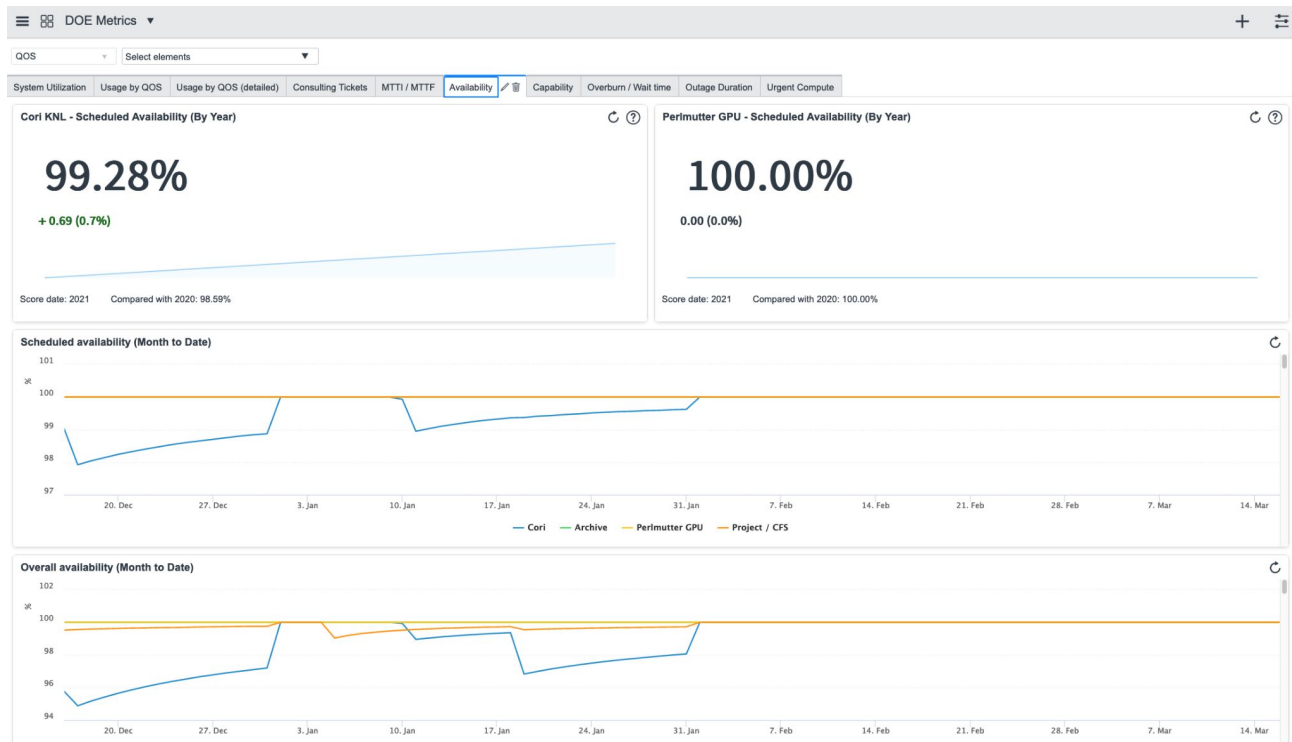
Perlmutter: 1 outage (scheduled maintenance)



# Last month's numbers - Feb



Discussion Question: What metrics are interesting to people here?





**Thank You**



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