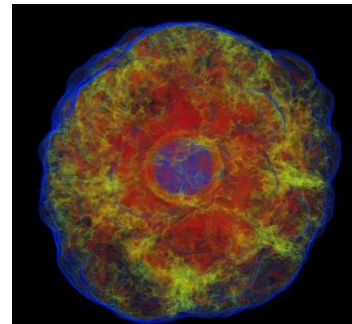
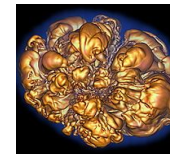
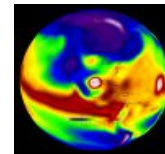
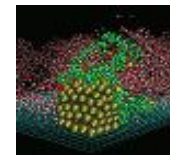
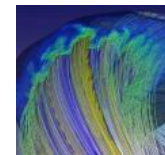
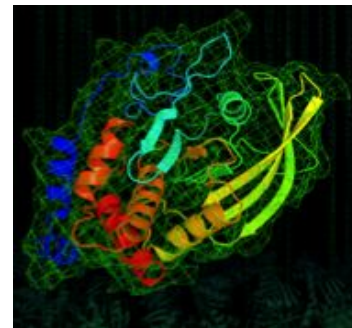
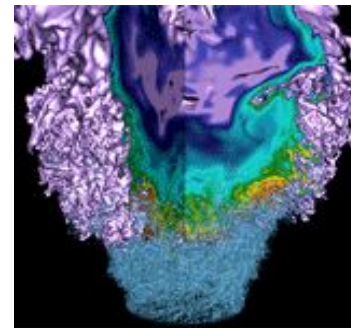


NUG Monthly Meeting



15 June, 2023

Today's plan



- Interactive - please participate!
 - Raise hand or just speak up
 - [NERSC User Slack](#) (link in chat), **#webinars** channel
- Agenda:
 - Announcements and Calls for Participation
 - (Not So) Trivial Trivia!
 - Today-I-learned
 - Topic of the day: **Jupyter at NERSC** with Kelly Rowland
 - Coming meetings: topic suggestions/requests?

Seminars, Events, and Trainings*



Please see the Weekly Email for Links!

- IDEAS-ECP Webinar on "Writing Clean Scientific Software" July 12
- Learn to Use Spin to Build Science Gateways at NERSC: Next SpinUp Workshop Starts June 21
- "Crash Course in Supercomputing" For Novice Parallel Programmers on June 22nd
- FUN Training: Modern Fortran Basics, July 10-11
- Intro to High-Performance Parallel Distributed Computing Using Chapel, UPC++ and Coarray Fortran, July 26-27

<https://www.nersc.gov/users/training/events/>

Calls for Participation



- In Situ Infrastructures for Enabling Extreme-Scale Analysis & Visualization, Deadline August 4
- US Research Software Engineer Association Conference, Deadline June 19
- RSE-eScience-2023 Workshop, Deadline June 30
- 6th Annual Parallel Applications Workshop, Alternatives To MPI+X (PAW-ATM) at SC23, Deadline July 24
- Registration for Confab23 Now Open!
- CANOPIE-HPC SC23 Containers Workshop, Deadline Aug 18

(Not So) Trivial Trivia!



Trivia about:

HPC, programming, computers,
research, NERSC, science, math...and more!

Want to submit a trivia question?

Email us at:

lipigupta@lbl.gov, charleslively@lbl.gov,
nersc-community-managers@lbl.gov

(Not So) Trivial Trivia!

What is the output of the following code:

```
for i in range(1,3):  
    print(i)  
else:  
    print("Surprise!")
```

Answer A:

SyntaxError

Answer B:

1
2
3
Surprise!

Answer C:

1
2
Surprise!

(Not So) Trivial Trivia!

What is the output of the following code:

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1
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Surprise!

(Not So) Trivial Trivia!



	Shared CPU Node	Exclusive CPU Node	Exclusive GPU Node	Configurable Job
Perlmutter	<input type="button" value="start"/>	<input type="button" value="start"/>	<input type="button" value="start"/>	<input type="button" value="start"/>

Which of these Jupyter server types charges NERSC hours?

Answer A: Shared CPU Node

Answer B: Exclusive CPU/GPU Node

Answer C: Configurable Job

Answer D: Both B and C

(Not So) Trivial Trivia!



	Shared CPU Node	Exclusive CPU Node	Exclusive GPU Node	Configurable Job
Perlmutter	<input type="button" value="start"/>	<input type="button" value="start"/>	<input type="button" value="start"/>	<input type="button" value="start"/>

Which of these Jupyter server types charges NERSC hours?

Answer A: Shared CPU Node

Answer B: Exclusive CPU/GPU Node

Answer C: Configurable Job

Answer D: Both B and C

Today I learned

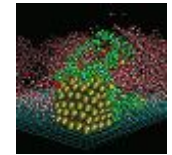
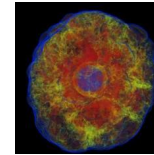
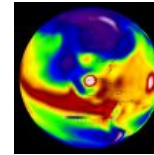
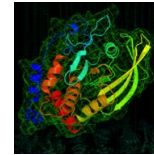
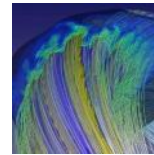
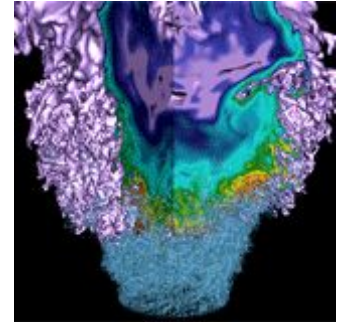
"Experience is simply the name we
give our mistakes."

- Oscar Wilde



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Jupyter at NERSC



Coming up



Upcoming topics:

- How to Submit a Good Ticket
- Security at NERSC

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>

Science Highlights Submission:

<https://docs.google.com/forms/d/e/1FAIpQLScP4bRCtcde43nqUx4Zsz780G9HsXtpecQqIPKvGafDVVKQ/viewform>

Lightning Talks



Highlights





Thank You



U.S. DEPARTMENT OF
ENERGY

Office of
Science

