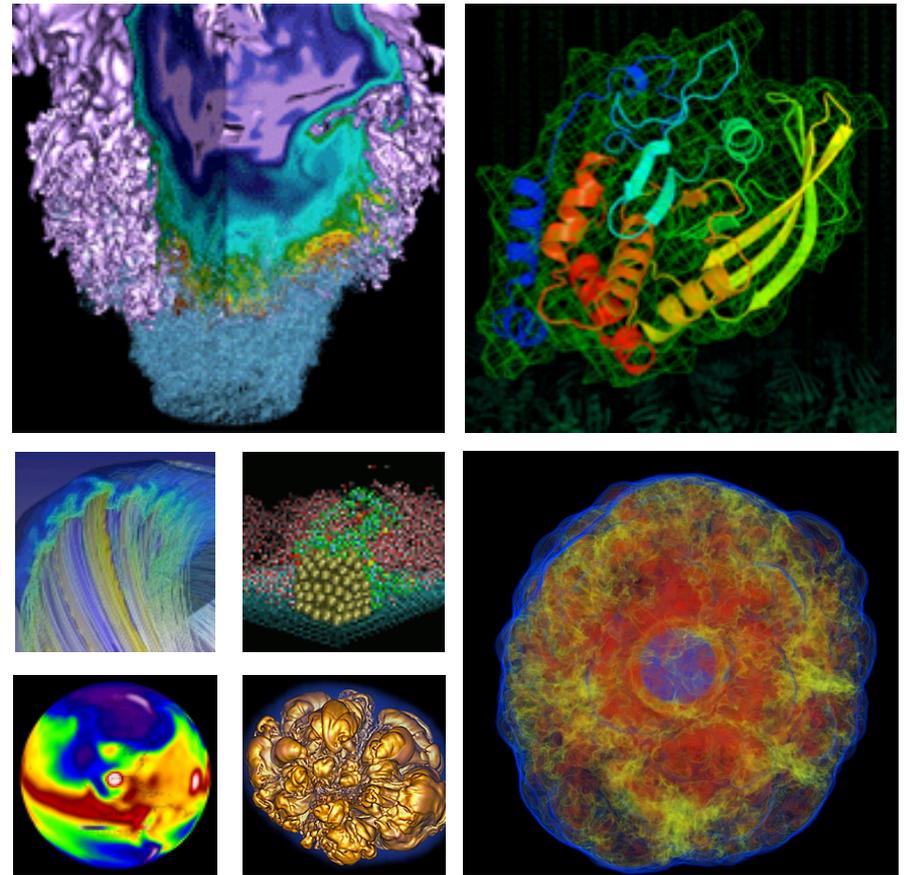


# NUG Teleconference January 2013



**Richard Gerber**  
NERSC User Services

January 10, 2013

# Connection Info

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## Connection Info

Topic: NUG Web Conference

Date and Time:

Thursday, January 10, 2013 11:00 am, Pacific Standard Time (San Francisco, GMT-08:00)

Event number: 666 625 979

Event password: hopper

<https://nersc-training.webex.com/> and chose from the list of events.

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Teleconference information  
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1-866-740-1260

PIN: 4866820

- **Allocation Year Changeover issues**
- **NUG 2013 annual meeting**
  - <http://www.nersc.gov/users/NUG/annual-meetings/2013/>
  - Registration Open
  - Schedule
  - Dinner
  - Call for Presentations
  - Training Schedule
- **NERSC Achievement Awards**
  - <http://www.nersc.gov/science/nersc-hpc-achievement-awards/>
- **NUGEX elections**
  - <http://www.nersc.gov/users/NUG/nugex-elections/2013/>
  - Requirements Reviews and NUGEX members
- **Edison update**
- **Euclid retirement**
- **User survey opens this week**
- **Getting Started training next week**
  - <http://www.nersc.gov/users/training/nersc-training-events/getting-started-jan-2013/>

# Allocation Year 2013



- **Started Jan. 8, 2013**
- **Smooth transition**
- **Few issues quickly resolved**
  - Dirac access credentials didn't continue properly
  - Hopper premium queue access delayed
- **Running jobs charged for AY 2013 portion of runs**
  - 00:00:01 1/8/2013 and later
- **Users who weren't continued (and have no repo)**
  - Login-only compute access for 1 month (no batch jobs)
  - HPSS access for 6 months
  - Files remain; PI can request deletes or ownership change

# NUG 2013: Feb. 12-15, 2013



- **Registration Open**
- **Oakland (OSF) & Berkeley (LBNL)**
- **Business Day – Tue. Feb. 12 (OSF)**
  - Send agenda items
  - NUGEX dinner Tuesday evening
- **User Day – Wed. Feb. 13 (LBNL)**
  - Call for presentations
    - <http://www.nersc.gov/users/NUG/annual-meetings/2013/nug-2013-call-for-presentations/>
- **Training Thu.-Fri. Feb 14-15 (OSF)**
  - Edison – Thu. Feb. 14
  - General/Getting Started – Fri. Feb. 15
- <http://www.nersc.gov/users/NUG/annual-meetings/2013/>

# NERSC Achievement Awards 2013



- **NERSC Award for Innovative Use of High Performance Computing**
  - This award will honor innovative use of NERSC's HPC resources. Examples might include introduction of HPC to a new science domain or a novel use of HPC resources. Anything that puts a fresh perspective on HPC or presents a new way to solve a problem will be considered.
  - Covers 2012
- **NERSC Award for High Impact Scientific Achievement**
  - This award will recognize work that has, or is expected to have, an exceptional impact on scientific understanding, engineering design for scientific facilities, and/or a broad societal impact.
  - Covers 2010-2012
- **Two categories in each: student/postdoc, open**
- **Individuals or groups**
- **These will be annual awards; announced at NUG annual meeting**
- **Recognized by press release, web page at NERSC, certificate/plaque**
- **Asking NUGEX to help select finalists**
- <http://www.nersc.gov/science/nersc-hpc-achievement-awards/>

- **Elections underway**
  - When shall we close? Reminder email?
  - 141 votes so far
- **All NUGEX members will be invited to NERSC Requirement Review for their office**
- <http://www.ner-sc.gov/users/NUG/nugex-elections/2013/>

- **Phase I installed**
  - Staff access
  - Scratch file system final upgrade now instead of later
  - Batch system being configured
    - Fair share scheduling during pre-production
    - Should provide fair access
    - Allow NERSC to experiment and tune
  - Other configuration continuing
    - Global file system access
    - Default Intel compiling environment (vs. PGI on Hopper)
    - Networking

# Edison Phase I



- First early user access still targeting February

Cray Sonexion Lustre Appliance



Edison Phase 1

# Euclid Retirement



- **Euclid will be retired on Jan. 31, 2013**
- **Heavy users have been contacted and have migration plans**

## EUCLID MIGRATION GUIDE

Workload	Where to Run
Simple Interactive Task (Including compiling)	Carver/Hopper Login Nodes
Transfer Data/HPSS Access	Data Transfer Nodes
Long High Throughput Job	Carver serial/long queue, or Hopper High Throughput Queue
Large Memory Batch MPP Code	<a href="#"><u>Carver Extra-large memory node/reg_xlmem queue</u></a>
Large Memory Interactive Job (MPP/Serial)	<a href="#"><u>Carver Extra-large memory node/reg_xlmem queue</u></a>
Everything Else (Including R/Visit)	Regular Hopper or Carver

- **Annual User Survey opens today or tomorrow**
  - Look for email announcement
  - We need your input, it's very important to us
  - Get your users and colleagues to take it as well
- **New User training next week**
  - Thursday, Jan. 17
  - 2 hours, 10:00-12:00 PST
  - Web only
  - <http://www.nersc.gov/users/training/nersc-training-events/getting-started-jan-2013/>
  - More extensive training for new users at NUG 2013
    - Friday, Feb. 15
    - Live and on the web
- **Send suggestions for training to [training@nersc.gov](mailto:training@nersc.gov)**

# Next NUG Teleconference

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- **February Teleconference canceled**
- **Register for NUG 2013 Business Day**
  - Attend in person (Oakland)
  - Or via phone/web
- **Next scheduled telecon Thu. March 7, 2013**



**National Energy Research Scientific Computing Center**

# Section Title

