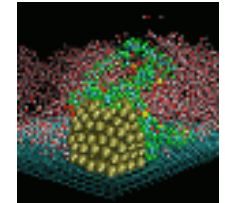
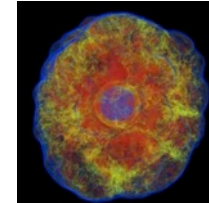
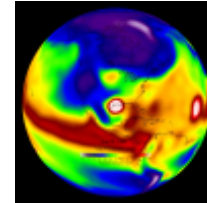
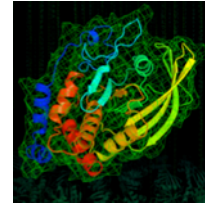
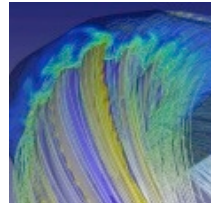
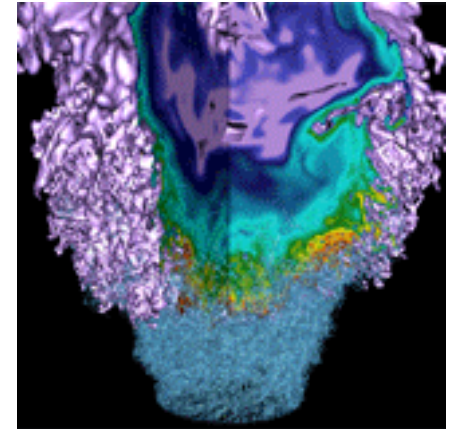


HSI/HTAR Support Update



Damian Hazen
Nick Balthaser
HPSS User Forum
October 2017

Agenda

- **Transitional agreement overview**
- **Getting support under transitional agreement**
- **Proposed transition to HPSS TC**

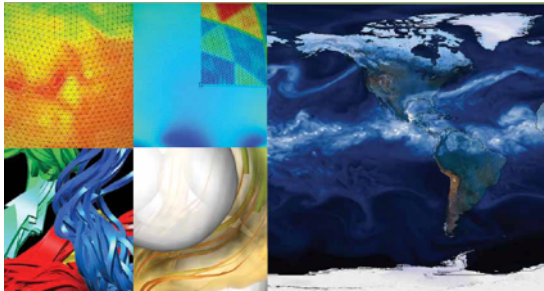
NERSC is the Production HPC & Data Facility for DOE



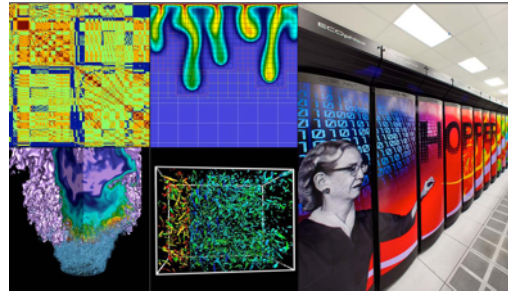
U.S. DEPARTMENT OF
ENERGY

Office of
Science

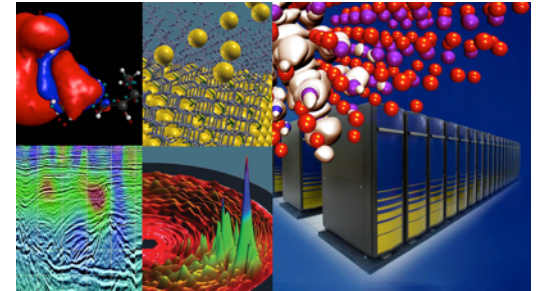
Largest funder of physical
science research in U.S.



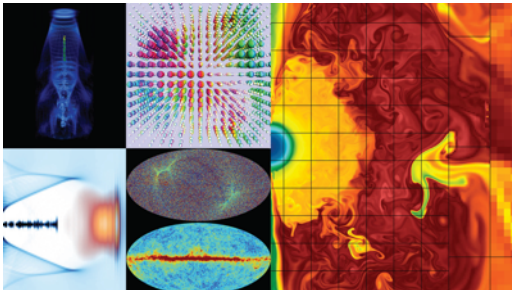
Biological and
Environmental Systems



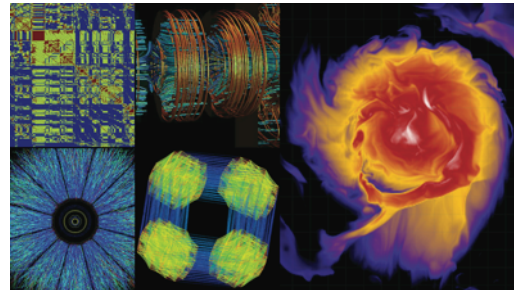
Applied Math, Exascale



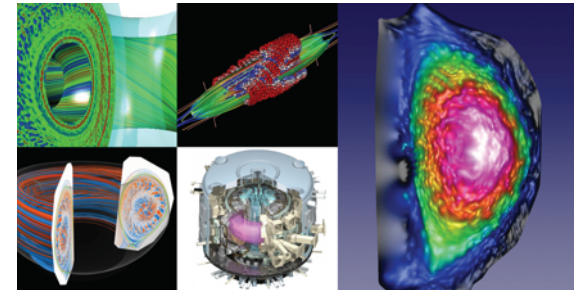
Materials, Chemistry,
Geophysics



Particle Physics,
Astrophysics



Nuclear Physics



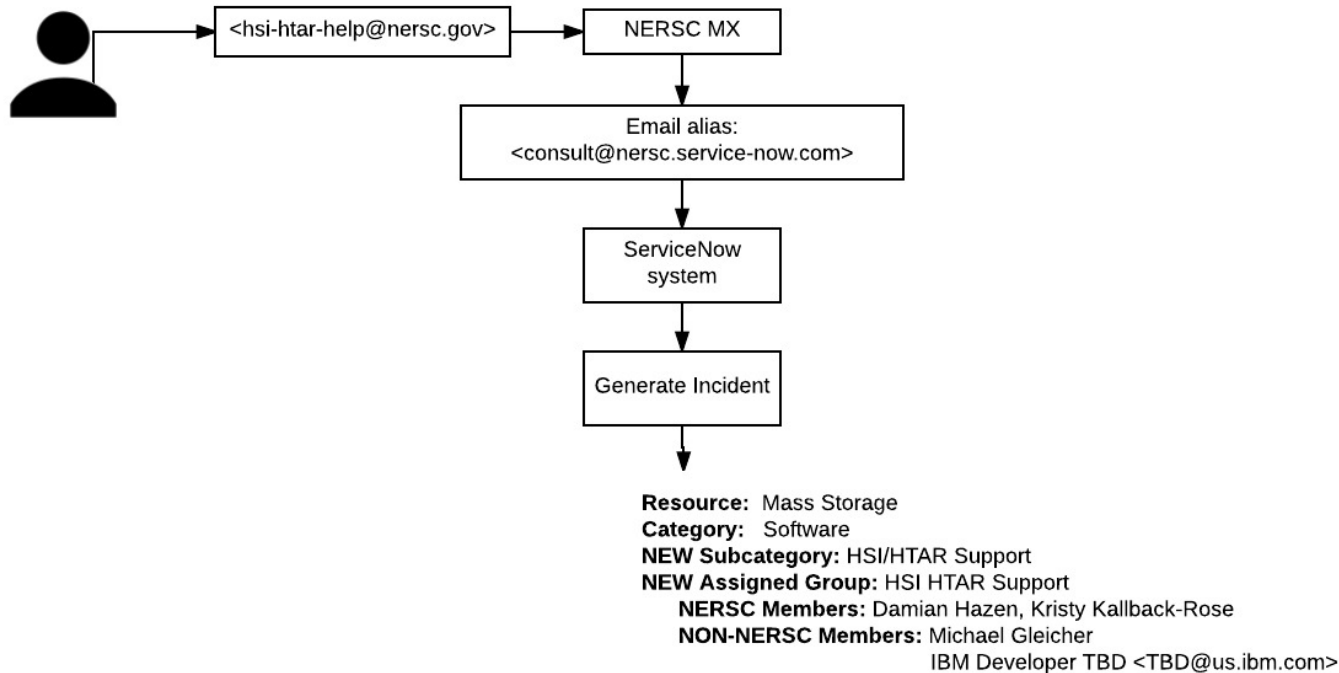
Fusion Energy,
Plasma Physics

Transitional Agreement Overview

- **LBNL/NERSC has entered into a transitional support agreement with GEL, LLC, on behalf of the HPSS Collaboration**
 - Support funded on behalf of the collaboration by the development labs (ORNL, SNL, LANL, LLNL, NERSC)
- **HSI/HTAR support now front-ended by NERSC**
 - New feature development not included
 - NERSC front-ending all support levels during transition (1 – 3)
- **No change to software licensing**
- **NERSC will work to enable HSI/HTAR support transition to TC-managed development and level 3 support**
- **GEL still actively involved in support**
 - NERSC currently handles ticket system and minimal Incident triage

Getting HSI/HTAR Support

- **mgleicher.us webform - recommended**
 - <http://www.mgleicher.us/index.html/hsihtar-support-form/>
- **Direct email: [<hsi-htar-support@nersc.gov>](mailto:hsi-htar-support@nersc.gov)**
 - Creates ticket in NERSC ticket system, viewable by NERSC HPSS Team and M. Gleicher
 - Responses via email to submitter



Proposed Transition to HPSS TC

- **NERSC to work with HPSS TC to transition maintenance and development workflow to TC**
 - Integration with HPSS bug and change request (CR) processes
 - Source integration with Houston source code control
 - Level 3 support to be transitioned to HPSS development
 - Level 1 – 2 support to be handled by IBM
 - Eventual phase-out of NERSC ticket system
 - HSI/HTAR will be included as part of HPSS license
 - Deployment and support will be a service offering for IBM customers
- **2 – 3 year time frame to complete transition**



NERSC

National Energy Research Scientific Computing Center