

What is the Open Science Grid?

OSG offers participating research communities low-threshold access to more resources than they could afford individually.

OSG combines computing and storage resources from university campuses, government DOE laboratories and research communities into a common, shared grid infrastructure

OSG represents the United States when working jointly with partners in Europe and Asia to create worldwide interoperable systems for cutting-edge research.

OSG benefits your state by providing hands-on training workshops, reaching out to engage local institutions, helping new users run OSG applications and advising resource owners on how to make their compute and data storage resources accessible to others..

The Open Science Grid is a consortium of software, resource providers and researchers from universities, national laboratories and computing centers across the U.S. The project, funded by NSF and DOE, provides staff for managing various aspects of the OSG.

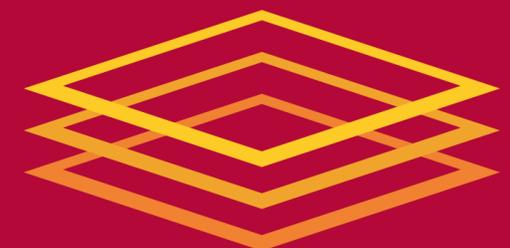
“ OSG has become a dependable facility for CMS on which the success of LHC physics computing can fully rely. ”

**— Lothar Bauerdick,
Physicist, Head of US CMS
Software and Computing**





U.S. DEPARTMENT OF
ENERGY

The logo icon for Open Science Grid, consisting of three overlapping, slightly offset diamond shapes in a golden-yellow color.

Open Science Grid

NSF and DOE work together to provide a shared national computing infrastructure for science research

The Open Science Grid lets you see...

...beyond the surface of the sun to penetrate the mysteries of time on a molecular scale.

...what allows you to work at the cutting edge of human innovation, push the boundaries of scientific endeavor and involve the entire world in your efforts.

...five billion years in a minute, five years in a photo and the world's climate at the push of a button.

...what helps engineers design planes, artists manage galleries and seismologists prepare for natural disasters.

...what helps us to fight HIV/AIDS, cope with natural disasters and manage climate change.

...what helps jet pilots fly, surgeons operate and your body fight the flu.



“ U.S. ATLAS is still in the midst of a large simulation exercise, computing system commissioning, and now the full dress rehearsal. OSG is delivering the CPU cycles we need on a robust and stable fabric. ”

— Jim Shank, Boston University