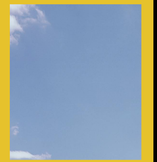


The Open Science Grid is a national distributed computing infrastructure built by research groups from U.S. universities and national laboratories that supports a broad scientific research community.

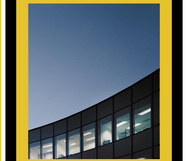
Open Science Grid

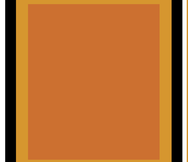
Open to collaborators from all scientific disciplines, software developers and resource providers, and to partnerships with other national and international grids and cyberinfrastructures, the Open Science Grid provides users with access to shared resources worldwide.

1. Restored Prairie at Fermilab
Photo: Visual Media Services/Fermilab

2. Sutter Collaboration
Photo: Diana Rogers/Stanford Linear Accelerator Center

3. Fermilab's Feynman Computing Center
Photo: Peter Ginter/Fermilab





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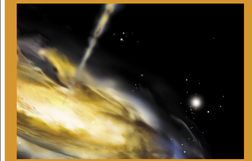

Grid computing provides scientists with a greater range of computational and storage resources, tools to advance national and international collaboration, and a framework to share resources and applications across boundaries. Physics, astrophysics, biology, computer and gravitational-wave science researchers now contribute to the Open Science Grid and benefit from advances in grid technologies, and OSG services are enriched as new projects and communities join.

1. Caption to come
Photo: Credit to come

2. Caption to come
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4. Caption to come
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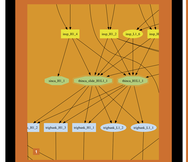

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Open Science Grid

The Open Science Grid is a federation of grids that includes over 10,000 CPUs and many terabytes of data storage. Individual grid projects within the OSG benefit from easy access to local and remote resources, testing and production environments for middleware and applications and a common computing infrastructure. The OSG works with its national and international partners grids to provide access to shared resources worldwide.

1. Caption to come
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