

OSG – Status & Evolution

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What is OSG ?

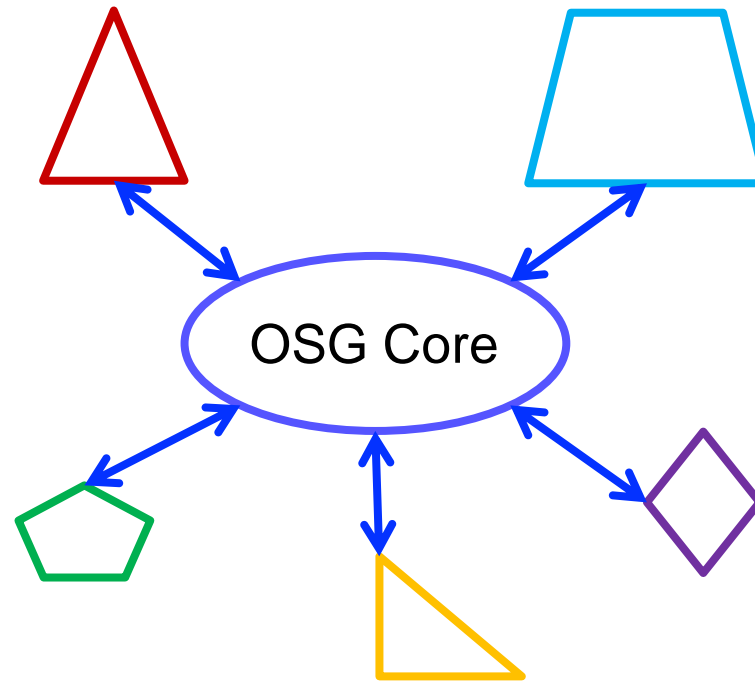
- OSG is a consortium dedicated to the advancement of all of open science via the practice of Distributed High Throughput Computing, and the advancement of its state of the art.
- It is a collaboration between IT, software, and science organizations.
- It is governed by the OSG Council, maintaining its by-laws, and electing an executive director for 2 year renewable terms to coordinate a program of work.

Current Council Membership

University of Nebraska - Holland Computing Center	David Swanson	Solenoid Tracker at RHIC - STAR	Jerome Lauret
University of Florida	Paul Avery	Stanford Linear Accelerator Center	Stefan Hoeche
Brookhaven National Laboratory	Eric Lancon	University of California San Diego	Michael Norman, Alternate: Frank Wuerthwein
Condor Project	Miron Livny	U of Pittsburgh Brain Trauma Research Center	Don Krieger
DOSAR	Horst Severini	US CMS	Ken Bloom, Alternate: Greg Snow
Fermi National Accelerator Laboratory	Elizabeth Sexton-Kennedy, Alternate: Burt Holzman	US ATLAS	Kaushik De
University of Chicago / Globus	Rob Gardner	IceCube	Kael Hanson
Indiana University	Craig Stewart, Alternate: Rob Quick	LIGO	Peter Couvares
SBGRID	Piotr Sliz		

- OSG funding has transitioned from a single grant jointly funded by NSF and DOE to a collection of grants awarded to different PIs by a variety of agencies and directorates within agencies.
 - LHC focused activities are funded via IRIS-HEP WBS 7.
 - IRIS-HEP WBS 7 amounts to less than 1/3 of the total effort of OSG at present (more details later)

A Core Project provides overall cohesion for the future of Distributed High Throughput Computing



Multiple specific projects, of different shapes, colors, and sizes provide effort managed collaboratively and coherently with the core to focus on aspects not covered by the core. Different domain science specific projects may be funded by different agencies and/or different directorates within NSF and other agencies.

- The program of work is the responsibility of the Executive Director, and his management team.
 - An Executive Team meets weekly under ED leadership to discuss current issues, including re-allocation of effort if needed.
 - Areas of work are defined by the ED in coordination with this team.
 - An annual planning process allocates effort to these areas from the collaborating grants.
 - F2F meeting of ACs in Madison next week.
 - Area coordinators for each area report directly to the ED.
 - The Deputy ED runs a weekly AC meeting to foster discussions across areas.

- Fkw (ED)
- Tim Cartwright (Deputy ED)
- David Swanson (Council Chair)
- Brian Bockelman
- Rob Gardner
- Burt Holzman
- Eric Lancon
- Jerome Lauret
- Miron Livny
- Mark Neubauer
- Susan Sons

- Brian Bockelman (Technology Evolution)
- Jeff Dost (Operations)
- Rob Gardner (Midscale Science Support)
- Ken Herner (DOE IF & CF)
- Brian Lin (Software)
- Shawn McKee (Networking)
- Lauren Michael (Single PI Support)
- Susan Sons (Security)
- Tim Theisen (Release Making)

Evolving Effort Portfolio

A	B	C	D	E	F	G	H
	Σ	Technology	Operations	Support	Networking	Security	Management
Σ	17.56	7.46	4.05	2.82	1.24	1.00	0.98
OSG N5Y	6.86	2.48	2.05	1.82	0.00	0.20	0.32
IRIS-HEP	5.94	3.08	1.00	0.00	0.39	0.80	0.67
SAND	0.75	0.00	0.00	0.00	0.75	0.00	0.00
OSG-NP	1.00	0.50	0.50	0.00	0.00	0.00	0.00
TNRP	1.00	0.70	0.20	0.00	0.10	0.00	0.00
CESER	2.00	0.70	0.30	1.00	0.00	0.00	0.00
TBD FTEs	4.70	1.50	1.40	1.00	0.60	0.20	0.00
TBD FTEs %	27%	20%	35%	35%	48%	20%	0%

This is still missing DOE-HEP effort contributed via FNAL & BNL, and possibly other DOE Labs.

In addition, we hope to work out joint projects with LHC ops program, Universities, other science projects, agencies, and Foundations.

Goals for this meeting

- Complete the PEP for WBS 7
 - Essential input to next weeks F2F as it defines the goals, deliverables, and milestones for OSG-LHC.
- Make progress on understanding of DOMA/SSL/OSG collaboration.
- Start discussion about potential AS/SSL/OSG collaboration.
- Make progress on understanding of collaboration on Security between LHC Ops program, BNL, FNAL, and OSG.