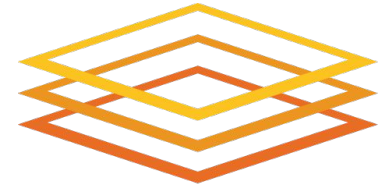# OSG User Support & Campus Grids

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OSG Area Coordinator's Meeting, **April 13, 2016**

Open Science Grid

In brief

- Overall things are humming along fine given the available manpower & scope
    - A steady stream of user support requests are handled daily
    - Kyle to join triage effort for process and operations coordination
    - Deep engagements with Xenon1T and soon South Pole Telescope
    - New FreeSurfer execution service - now validated, ready to roll out
    - New tutorials for CCTools makeflow tools
    - New user software in OASIS modules
    - New campus "quick connections" (Utah in process, potentially VaTech); EOI's from Stanford & OSU
    - New submit host to handle heavy users
    - New sign-up process given Globus changes
    - New hire (0.5 FTE) at Chicago pending H1B visa
    - New CS summer student to work on StashCache (Xrootd) and job analytics
    - Discussing liason & coordination XSEDE 2.0 campus engagement facilitators
    - Looking forward to availability of production CE-ssh and SC over CVMFS
- No significant risks or issues given current scope

New application software modules

Module	Description
cblosc/1.7.1	A blocking, shuffling and loss-less compression library
ccp4/2015	The Collaborative Computational Project Number 4 in Protein Crystallography (CCP4)
cctools/5.4.7	Cooperative Computing Lab
cdo/1.6.4	CDO is a collection of command line Operators to manipulate and analyse Climate and NWP model Data
cfitsio/3.37	CFITSIO is a library of C and Fortran subroutines for reading and writing data files in FITS (Flexible Image Transport System) data format
circos/0.68	Circos is a software package for visualizing data and information
clhep/2.3.1.1	A class library for HEP
cmake/3.0.1	Make is a cross platform software build tool.
cpan/5.10	This module loads a variety of perl modules into the environment
gdal/2.0.0	GDAL is a translator library for raster and vector geospatial data formats
geant4/10.02	Geant4 is a toolkit for the simulation of the passage of particles through matter
Healpix/3.30	HEALPix is an acronym for Hierarchical Equal Area isoLatitude Pixelation of a sphere
mysql/5.1.73	Popular open source database
sac/10.1.6	Seismic Analysis Code (SAC) software for scientists conducting research using IRIS data
xz/5.2.2	XZ Utils is free general-purpose data compression software with a high compression ratio