

Some News Items

Frank Würthwein
OSG Executive Director

June 25th, 2015

News Items

- Mark Neubauer is our new OSG Resources Manager – please welcome Mark.
 - He will transition into this responsibility throughout the summer.
- The project received the reviewer comments from the NSF/DOE review.
 - It's all excellent!
 - Most notable comment beyond excellent was the worry that we are too successful beyond the LHC, and how will we manage this success as Run2 starts back up.
 - The reviewers wanted to remind us that the LHC needs to be our highest priority.

Some Thoughts on Strategy and how strategy influences year 4 goals

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Towards OSG Grant Renewal

- The NSF grant for OSG ends on May 30th 2017.
- We will want to submit a renewal proposal in Fall 2016.

Y4 of the project is our last chance for doing anything strategic to strengthen our next proposal !!!

Funding Today

- 50% from NSF-MPS
- 30% DOE-HEP
- 19% NSF-ACI
- 1% DOE-NP

Let's look at the strategic priorities of these agencies, and how our year 4 goals help us help these agencies.

- LHC: continues to be #1 customer & primary focus!
- LIGO
 - we re-engaged with LIGO via Peter Couvares.
 - Y4 goal: Make it possible for Georgia Tech to do LIGO science on resources at Georgia Tech and beyond.
 - Longer Term: Transparent computing for LIGO across their sites, their collaborator's sites, HPC, etc.
- LSST/DES
 - met with DES, formulated clear plan & goals for production on OSG, started work on execution
- IceCube: discussing expansion of ops support
- XENON, LUX/LZ, SuperCDMS
 - all 3 of them are relatively new VOs on OSG



DOE-HEP

- LHC: continues to be #1 customer & primary focus!
- Intensity Frontier
 - neutrino physics, mu2e, Belle2
 - see Bo's report
- Cosmic Frontier
 - LSST, DESI, DES, CMB-S4
- Want to see engagement with ASCR
 - Y4 goals in networking area => ESNet collaboration
 - exploring other areas of mutual interest
 - more to talk about when things are more settled

- XD program
 - see Rob Gardner's report
 - working on getting more XD HPC resources on OSG
- University networking up to Internet2 or regional providers
 - Y4 goals in networking area
- University based computing infrastructure
 - See Bo's report on new non-LHC clusters on OSG
- Broad support for all of science
 - see Rob Gardner's report
 - ACI-Ref report by David Swanson



DOE-NP

- Science at Jefferson Lab
 - see GlueX in Bo's report
- Heavy Ions at RHIC
 - see sPHENIX in Bo's report
- Theory
 - see Steffen Bass in Rob Gardner's report

We are positioning to make a pitch for more DOE-NP involvement in next 5 year proposal.

What about other funders?

- NIH
 - various ongoing conversations, more towards the end of this meeting
- DOE-ASCR
 - continued engagement with ASCR
 - remains to be seen where this leads us
- Other NSF directorates ?
 - are we missing any obvious opportunities here?



Summary & Conclusions

- Be mindful of agency priorities wherever this makes sense.
 - LHC continues to be highest priority
- Build on our strengths
 - delivering operational value to scientific communities beyond LHC: Nova, Mu2e, DES, IceCube, ... but also GlueX, sPHENIX, ... SBGrid, ...
 - continue lowering the barriers to HTC
- Continued focus on transparent computing from desktop to lab to campus IT to national IT to commercial IT
- Focus on a small number of additional strategic initiatives we believe we can wrap up in Y4
 - networking, stashCache, 30min OSG-CE, ...
- Focus on a small number of new strategic collaborations we believe can be meaningfully expanded through Y4
 - ACI-REF, LIGO

Council Action Item 149

- "Enabling Campus Resource Sharing and use of remote OSG resources in 15 minutes"
- We discussed this within the project and arrived at the following strategy:
 - redefine goal to 30 minutes as that seems more realistic based on OSG-connect experience
 - develop the capability to have OSG-CE(s) that is (are) operated by the OSG project and use BOSCO to ssh into cluster(s)
 - this was added as a Y4 goal for technology & software groups
 - We will keep council updated as this matures. In the meantime, use OSG-connect as 30 minute solution