



Open Science Grid Council Meeting October 2014 Ruth Pordes

Agenda and Slides:

<https://indico.fnal.gov/conferenceDisplay.py?confId=8770>

Please review last meetings minutes.

Agenda bashing: Wednesday

- Council Chair report:
 - including new registrations, Council member testimonials, next 3 meetings.
- AHM2015 introduction: now Thursday. Instead discuss
- "Request from Don Krieger for periodic peak opportunistic resource usage"
- Executive Director Report
- Update on ESNET - OSG Partnership
- Production analyst report - Bo
- ATLAS Connect report - Rob Gardner over the phone. (action item 128)
- Present OSG Connect usage
- Discussion of proposed changes to member expectations
- Discussion with Henry Neeman etc. Focus is education and training for HPC/HTC

Agenda bashing: Thur

- Report from Miron on NSF landscape and ACI-REF partnership (action item 139, 132)
- Discussion from Univ of Syracuse on status of collaboration with OSG
- Other action item updates
- Round table on other Council Members status and interests
 - Ruth - new alternate for Fermilab/Rob Roser
- Report from dvdt Satellite - Gideon over the phone
- Report from CTSC - postponed.
- OSG-XD, report



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Much appreciate the hosting
and the good arrangements
for this Council semi-annual
face to face -

Thank you Horst!



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New Resources During the Past Quarter

No registration removed

New resources:

- Facilities: Syracuse University
- VO: Simons Center for Data Analysis
- Resource - CEs:
 - SMU,
 - Syracuse,
 - KSU,
 - Purdue,
 - GLOW,



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Congratulations to the Executive Team/
Project on a very positive and successful
review in August.

Including appreciation for Council Member Testimonials



Characterization of Benefits

"ESnet's participation in the OSG is providing us a **valuable forum for understanding, collaborating with and supporting a variety of scientific communities** with large compute and data need in a **unique environment** of >100 clusters cooperating as a shared facility." Greg Bell, Director, Energy Sciences Network.

"We regard membership in the OSG Council as a useful forum for **engaging with OSG Communities towards the integration and use of the new COMET resource** at SDSC over the next few years." Mike Norman, Director San Diego Supercomputer Center

"...we are able not only to **benefit but also contribute in the future thinking - for example in the integration and use of virtualized cluster computing** or new paradigms for opportunistic computing." Jarek Nabrzyski, Director, Center for Research Computing, University of Notre Dame

"...The **Council provides an excellent venue for communication across a diverse set of science domains, (whose ideas) .. we use locally for promoting the use and value of sharing of resources**". Piotr Sliz, Harvard Medical School

"The work we have accomplished in the past year would have literally required millennia on a single state-of-the-art workstation and it would have cost at least \$500,000 using commercial cloud computing. Instead **we were able to run 'opportunistically' on the OSG and use cycles which otherwise would have been lost.**" Don Krieger University of Pittsburgh Department of Neurological Surgery



Characterization of Benefits

"The OSG Consortium gives the University of Nebraska a **unique collaborative arrangement for both contributing and receiving resources and expertise**. Our faculty, staff, students and collaborators on and beyond campus continue to benefit from both the use of, and participation in the development of, the production distributed high throughput computing environment OSG provides". David R. Swanson, Director Holland Computing Center, University of Nebraska

The OSG is helping to **solve big data problems, which will help policy makers**. Because much of the data we use is nested, we are creating new methodologies that work better with that kind of data. Traditional methods are not as effective." Courtney Hall. Ph.D. candidate studying quantitative methods in the Department of Educational Psychology at the University of Wisconsin-Madison (UW-Madison).

"The OSG Consortium provides a broad forum of collaboration and I, in my short tenure to date, have found the Council a **useful forum to understand the broader goals and achievements of the wider aspects project beyond those of my experiment, ATLAS**" Mark Neubauer, University of Illinois

"I really wish to recommend the OSG to other scientists who need to deal with large-scale data or intensive computing jobs. **It is easy to get started, and you can always get help from the people in this great community.**" Liang Zheng, EIC Collaboration, Ph.D. candidate on an exchange program at BNL.

Revisiting What I said in April : What Would I do if given another 2 years

"Ask other Council Members to help coordinate and run next 3 Council meetings. (volunteers?)"

Amber has been helping me with specific action items since then - thank you Amber.

Helping run the next 3 meetings are

Jan 2015/phone: Frank, Mike

Mar 2015/AHM: David

Jun 2015/phone: Bill

Thank you in advance!

Other Action Items to discuss on Thur?

- 136.** Request project to identify the scalability limits for the various OSG services in preparation for LHC Run2 (X2 in computing/data throughput needed)
- Lothar/Technology Area
- Project Request (Jira) 66 - accepted by the Technology Area Coordinator
 - Progress? discuss
- 135.** Request project list the software components and prioritize the needs - Lothar/Technology Area
- Project Request (Jira) 67- accepted by the Technology Area Coordinator
 - Progress ? discuss
- 134.** What are concrete actions Consortium stakeholders would ask OSG to take on wrt clouds, cloud federations. - Ruth
- More discussion
- 129.** Council to help with focus meeting on request for access to Cloud interface provisioned resources - Ruth
- delayed to after this Council meeting. Can we fix on a date ? Oct Council face to face ?
 - ED?



And..

127. Expect user focus meeting with 2 communities with different pilot implementations. - Lothar ED?

122. Have a blueprint and/or a focus meeting on data delivery in conjunction with jobs - Lothar

116. reach out to Investigators that use the OSG through each of the institutions and see if they are prepared to help mentor. Provide them with a list of applications already running on OSG - Council members
Work being done as part of OSG Connect?

111. Council Chair to organize revision of the Sustainability of OSG document to reflect feedback, input, concerns. Perhaps reanem to Maybe this is not Sustainability but Extending the Business