

Where to Go & What to Do Next

2013 OSG User School, Thursday, Lecture 4

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Getting Resources

Options for Resources

- Your own lab
 - ▶ Start a small cluster with workstations
 - ▶ Can grow or merge with others
- Your own university (or institution)
 - ▶ No cluster? Talk to your CIO
 - ▶ Get others interested and petition
- Collaborators (ask nicely)
- OSG

Using OSG

- For now, use School resources and OSGEDU VO
- Use the Campus Researcher Club
<https://www.opensciencegrid.org/bin/view/CampusGrids/CampusResearcherClub>
- Look for existing Virtual Organization (VO)
 - ▶ “OSG VOs” on OSG home page
 - ▶ Any good fits?
- Start your own?
 - ▶ Generally not a great solution
 - ▶ Takes time, expertise, and site acceptance
- Otherwise ...



Staying in Touch

Upcoming Events

XSEDE13 Conference

22–25 July 2013

OSG All-Hands Meeting

March (?) 2014

HTCondor Week

May (?) 2014

Mentors

- Each student assigned a mentor
 - ▶ All were present at the School
 - ▶ Assigned by geography, interest, random
- Negotiate best communication system
 - ▶ Email, phone, IM
 - ▶ Periodic, when needed
- Use your mentor!
 - ▶ For help, advice, inspiration, ...
 - ▶ As gateway to other helpful people

Mentors

- **Derek Weitzel** <dweitzel@cse.unl.edu>
Ivan, Juan, Mariano, Matt, Zhe
- **Igor Sfiligoi** <sfiligoi@fnal.gov>
Gazi, Ishtiaq, Paul, Prabhakar, Spencer
- **Lauren Michael** <lmichael@wisc.edu>
Aurash, Ben, Cassandra, Guohui, Rachel, Travis
- **Tim Cartwright** <cat@cs.wisc.edu>
Amol, Anup, Giovanni, Kim, Suraj
- **Zach Miller** <zmiller@cs.wisc.edu>
Aristeidis, Chris, Devon, Michael, Ran

Websites

research.cs.wisc.edu/htcondor	HTCondor homepage
research.cs.wisc.edu/htcondor/manual	HTCondor manual
www.opensciencegrid.org	OSG homepage
myosg.grid.iu.edu/about	OSG information source

Mailing Lists

osg-school-2013-info@opensciencegrid.org	will remain
osg-school-2013-participants@opensciencegrid.org	also
goc@opensciencegrid.org	Grid operations center

Reimbursements

- What can be reimbursed?
 - ▶ Bus fare to/from Madison
 - ▶ Driving mileage, if prearranged
 - ▶ Dinners (Mon–Wed), up to \$17, no alcohol
- How to get reimbursed?
 - ▶ We do not know yet!
 - ▶ Reimbursements will be done by UCSD/SDSC
 - ▶ We will post detailed information soon



Final Assignment

Goal of Assignment

- Apply new knowledge to your own work
 - ▶ Describe 1 research challenge
 - ▶ Sketch HTC solution
 - ▶ Fill in as many details as possible
- Show us – and others! – what you learned
 - ▶ Help us improve School
 - ▶ Impress your advisor and colleagues
 - ▶ Demonstrate value to funding agencies

Assignment Details

- Full description will be posted to TWiki (soon)
- Due by Labor Day (i.e., end of summer)
- Submit to your mentor for review
- Assignments will be posted to OSG TWiki
- Can make a poster instead ...

XSEDE13 Poster Option

- Instead, can make poster for XSEDE13
- To count for us, *must meet same content criteria*
- Absolutely no larger than 48" × 48"
- If you want to do a poster, email:
Diane Baxter <dbaxter@sdsc.edu>
- Deadline to inform Diane:
July 3rd (next Wednesday!)
- Room for 8 posters, max
- Else: paper for assignment, volunteer at XSEDE



Final Thoughts

The OSG Family

- We challenge you to:
 - ▶ Do and/or support research with us
 - ▶ Use our software
 - ▶ Use our resources
 - ▶ Contribute to our collaboration and team
- *You* challenge *us* to provide new solutions!

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- Let us know how that goes

*Any sufficiently advanced technology
is indistinguishable from magic.*

— Arthur C. Clarke

Closing Dinner

Union South, Industry room (3rd floor)

6:30 p.m.