



Welcome!

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Welcome



- **~60 participants** from 42 institutions
- Special welcome to international travellers
 - NIH NIAID African Centers of Excellence in Bioinfo.
(Mali, 2; Uganda, 1; US NIH, 1)
 - India: Tata Institute of Fundamental Research
- School staff: 3 institutions (UW–Madison, UNL, AMNH)
- CHTC Fellows – drop-in throughout week
- Remote participants – hang out with them on Slack!



Why Are You Here?



- You need large-scale, HTC-style computing — for your research, for research you support, for your students
- **Don't let computing be a barrier to research!**
 - Computing is cheap and plentiful
 - Push the limits of what you can do
 - If you run out of science, *transcend the boundaries of your science*
 - When computing becomes a barrier, push us to fix the problems
- Week's goal: Get your work (or what you help) running!
- Help and encourage others — this week and beyond



Outline of the Week



- **Monday** – Intro to HTC, HTCondor, setting goals
- **Tuesday** – Intro to OSPool; debugging, software
- **Wednesday** – Data; Showcase pt.1 — **PM free!**
- **Thursday** – Scaling up, workflows, AI/ML
- **Friday** – Checkpointing (adv/opt); photos; Showcase pt.2; lightning talks; philosophy; final tips!!!
 - Closing dinner at Union South



Curriculum Notes



- Lots of hands-on time — you learn by doing!
- By mid-week, start applying to your own work
- Optional evenings (MTWR): exercises / your work
- Trying to meet with most of you individually
- Lightning talks Friday, or write short “plan” after



Practical Things



- Building tips (food; water, restrooms)
- Health guidelines
- Remote participants
- Tell us how we are doing! What can we do better?
- Conduct: <https://osg-htc.org/code-of-conduct>
- Staff introductions



Support



We thank NSF for supporting this event and *you!*

OAC-2030508:

Partnership to Advance Throughput Computing (PATH)

NIH/NIAID/others: Supporting the ACE students