

Research Computing Advisory Committee

Minutes Nov 9, 2015 (taken by Erik Deumens)

Present: Paul Avery, Peter Barnes, Erik Deumens, Rafa Munoz-Carpena, Richard Hennig, Steve Madore, Lauren McIntyre, Hannah Norton, Laurie Taylor

Updates

- HiPerGator 2.0 is now fully operational. The HPL benchmark was run and produced 738 Tflops, which puts it at #114 in the top500.org list. It is the 2nd university funded system among US public universities and 3rd among all US universities. It is clearly distinguishable from the two systems ahead of it because it has 30,000 cores that are useful for the full spectrum of HPC and Big Data users. The 1st ranked system is at Purdue and it has 1,000 Intel Xeon Phi accelerators, which are only useful to a small (but growing) set of users. The 2nd ranked system is an IBM Blue Gene system at Rensselaer Polytechnic Institute that is very energy efficient and fast but also for a limited set of users, in particular those with highly parallel applications.
- The Informatics Institute now has its official space.
- The Informatics Institute has two calls out
 - o for graduate student fellowships, and
 - o for postdoctoral fellowships.Both are intended to foster collaborations among faculty and researchers at UF and beyond.
- ORCID is now available as a field in PeopleSoft. Log in to myUFL, navigate to
 - o Main Menu
 - o My Account
 - o Update my directory profileHere, please enter your ORCID, VIAF, or other identifiers.

Discussion

Continued discussion on the development of best practices and policies for managing and working with data.

- Which data is valuable?
- How much data to save?
- How decide on what to save?
- There is overhead to curating data properly. Standards exist, but they are not widely used or not used at all.

Philip Born, NIH Big Data to Knowledge (BD2K) chief, stated that by 2025 there will be no funds left for new research in the budget of research organizations like NIH, it will be completely taken up by the cost to keep data that was collected in the past.

Organization

Next meeting will be on Monday December 14, 2015 at the usual location in NPB 2205 from 1:30 – 2:30 pm.