

Research Computing Advisory Committee

Minutes Mar 15, 2021 (taken by Erik Deumens)

Present: Chris Barnes, Nikolay Bliznyuk, Anna Conesa, Susmita Datta, Erik Deumens, Richard Hennig, Bill Hogan, Guillaume Labilloy, Damon Lamb, Lauren McIntyre, George Michailidis, Rafa Munoz-Carpena, Alberto Riva, Erik Schmidt, Plato Smith, Jack Stenner, Laurie Taylor, Bruce Vogel

Updates

- HiPerGator 3.0 phase I is in production since Jan 31 and it is busy.
 - o Some maintenance cleanup on cabling is in progress.
 - o The HiPerGator 1.0 partition is no longer active and will be turned off soon.
 - o The total core count is now 60,000.
 - o Phase 2 will add 9,600 in April.
- HiPerGator AI
 - o Early user access continues through April.
 - o We will produce benchmarks for top500, green500, io500, and MLPerf.
 - o One big science project is testing the whole machine on one natural language processing problem.
- ResVault is being migrated to new hardware that was purchased as part of HiPerGator 3.0

Discussion

- The OneIT project had promise to improve the support for researchers computing infrastructure. While many tasks resulted that were requisites, most have been completed by now. However, the core problem of providing adequate support still persists. In particular in the College of Medicine, Veterinary Medicine and Dentistry.
- Now, with the AI initiative, new faculty will be hired, who will need support, exacerbating the problem.

Next meeting will be on April 15, 2021 from 1:00 – 1:50 pm. The meeting will be Zoom only. An invitation will be sent.