

# Research Computing Advisory Committee

Minutes Jul 16, 2024 (taken by Erik Deumens)

**Present:** Nikolay Bliznyuk, Chris Barnes, Gogce Crynen, Erik Deumens, Guillaume Labilloy

## Updates

### - **UFIT Research Computing staff**

- The search for research software engineers (RSE): Four people were hired and started working on projects: Yunchao Yang RSE III, Rhenn Handel RSE II, Tyler Schultz RSE II, Prapti Akolkar RSE I. One offer for RSE IV has been made, and is being considered by the applicant. This team works with the RCF (research computing facilitators) Yang Hong and Qian Zhao.
- We are searching to fill 5 positions, with one position in the final stages to make an offer.

### - **HiPerGator refresh**

- We have been preparing an invitation to negotiate (ITN) to refresh and update HiPerGator components.
- HiPerGator 4.0 will replace the 30,000 CPU cores of HiPerGator 2.0 from 2015.
- HiPerGator 4.0 GPU will replace the 600 commodity GPUs (Nvidia 2080ti from 2019).
- Blue and Orange storage systems will be replaced and expanded.
- HiPerGator AI 2.0 will replace HiPerGator AI 1.0 (donation from Malachowski and NVIDIA in 2020).

## Discussion

- The ITN process is very rigorous to make sure the large funds involved are spent correctly according to all rules and regulations and allow all companies to send proposals. The process will complete in September. After that purchases will be made for delivery and installation in 2025.

Next meeting will be on Sep 16, 2024 from 2:00 – 2:30 pm. The meeting will be Zoom only.