Research Computing Advisory Committee
Minutes Mar 6, 2017 (taken by Erik Deumens)

Present: Peter Barnes, Ana Conesa, Erik Deumens, Richard Hennig, Alberto Riva, Plato Smith

Updates
Erik gave a summary of the planning for the Gator Computing Program for high school students sponsored by UFIT Research Computing and Center for Pre-Collegiate Education and Training. Look at the website for more details
https://www.rc.ufl.edu/gcp2017/

Discussion
Planning for the HPG Challenge will require a small task force to meet every for a few weeks.
1. The people present all volunteered to participate
    a. Peter Barnes, Ana Conesa, Richard Hennig, Plato Smith, Alberto Riva, Erik Deumens
    b. We need a representative from CISE, maybe Juan Gilbert, or Allison Logan?
    c. We discussed that, as pointed out by Paul below, we need a student representative to help make this work
2. We discussed several concepts
    a. The focus has to be undergraduate participation, they have the interest and innovation, graduate students are allowed, but they are often too busy
    b. Paul and Erik visited the Swamp Hack event and were impressed by the energy and the organization.
    c. Maybe some well selected projects that involved HiPerGator in a meaningful way can be made handled by the Swamp Hack infrastructure
3. Maybe the Swampack projects (one weekend) are too short to be true HPG challenges; we can have events or competitions that last a number of weeks
    a. UF engineering students participate in the annual Formula-1 design, manufacture, and race competition
    b. Another group participates in a robotics competition

Organization
- Next meeting will be on Monday April 3, 2017 in the usual conference room NPB 2304 from 1:30 – 2:30 pm.