Research Assistantships Available

Starting Fall 2013

Research assistantships are available for EE graduate students (PhD students preferred) interested in **research on GPUs (graphics processing units) and manycore accelerators** and their use in **scientific computing**.

Students will investigate the use of accelerators (both GPU and manycore) for scientific computation in collaboration with domain scientists working in various areas of materials physics, and will help investigate a related area, such as new accelerator algorithms, accelerator performance modeling, new accelerator microarchitectural features, etc. The students will be part of an interdisciplinary group including faculty and students from electrical engineering, computer science, biological sciences, and physics. Applicants are expected to have a strong background in programming and computer architecture, a willingness to refresh and build upon their undergraduate background in chemistry and physics, as well as practical programming skills.

The assistantships, which are offered through the LA-SiGMA project (`lasigma.loni.org`), will start Fall 2013 and will end September 2015. Interested students should submit a resume to David Koppelman, koppel@ece.lsu.edu.