

One-Day Workshop on High Performance Computing

Monday May 14, 2012

- 8:00–9:00 *Check-In/Light Breakfast (Hosted by IPAM)*
- 9:00–9:05 *Welcome and Opening Remarks*
- 9:05–10:00 **Noah Reddell** (University of Washington)
Communication hierarchies in emerging many-core HPC architectures and one design based on OpenCL
- 10:00–10:15 *Break*
- 10:15–11:10 **Warren Mori** (University of California, Los Angeles (UCLA))
Some thoughts for particle-in-cell on leadership class computers
- 11:15–11:30 *Break*
- 11:30–12:30 **Viktor Decyk** (University of California, Los Angeles (UCLA))
GPU as a Prototype for Next Generation Supercomputer
- 12:30–2:30 *Lunch (on your own)*
- 2:30–3:30 **Jim Glosli** (Lawrence Livermore National Laboratory)
TBD
- 3:30–4:00 *Closing Remarks*



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