Manycore working group

Coming attractions
Blue Waters user documentation - review

programming
https://bluewaters.ncsa.illinois.edu/cuda
https://bluewaters.ncsa.illinois.edu/openacc

XK node job usage hints
https://bluewaters.ncsa.illinois.edu/accelerator-jobs-on-xk-nodes

Profiling
https://bluewaters.ncsa.illinois.edu/openacc-and-cuda-profiling
Intel software

- **OpenMP 4.x support**

OpenMP* 4.0 adds new features for controlling vectorization and execution on coprocessors. Intel® [Visual] Fortran Composer XE 2013 Update 2 (compiler version 13.1) supports most of these new features. Most of them provide functionality to existing Intel-specific compiler directives.
Intel hardware

- NCSA staff under NDA so only public URLs presented
- Next Generation of PHI (Knights Landing)