HCC Supercomputing Symposium 2013

Short Link: http://go.unl.edu/hcc2013

Location
Wick Alumni Center, Dana Board Room (google maps)

Registration

Schedule

The morning sessions will be interactive – attendees should bring a laptop if at all possible! The first sessions will be primarily planned tutorial format, while the "Open Lab" will involve more individualized help of those in attendance as desired.

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<th>Time</th>
<th>Session</th>
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<tr>
<td>9 - 10am</td>
<td>Getting started at HCC</td>
<td>HCC 101 (Linux Primer, Job submission) (Quick Start Guides)</td>
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<td>10 - 11am</td>
<td>Job management</td>
<td>Creating and deploying parallel jobs at HCC, OSG (Submitting Jobs)</td>
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<td>11 - 11:45am</td>
<td>HCC Open Lab</td>
<td>Presentations and help from HCC staff</td>
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<td>12 – 1pm</td>
<td>LUNCH lecture with UNIT</td>
<td>Carl Lundstedt: How Big Data Allows Us to Investigate the Smallest Things</td>
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<td>1:15 – 2pm</td>
<td>New User Spotlight – Steve Kolbe, Theatre</td>
<td>Media Arts Film Rendering @ HCC</td>
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<td>2 - 3pm</td>
<td>State of HCC; Crane Announcement</td>
<td>David Swanson</td>
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Getting started at HCC (9-10am)

1. Getting an account at HCC
2. Logging into HCC resources
3. Basic Linux commands
4. Transferring files to HCC

Job Management (10-11am)

Join us for the job management section from 10-11 am where we will be covering:

1. End to End MPI example. Including how to transfer source code and compile an MPI application on Tusker.
2. Compiling and submitting multi-thread and OpenMP applications.
3. Using scheduler features such as Arrays and Dependencies.
4. Debugging on Tusker by using interactive submission.