High Performance Computing at ICER

Recent Announcements:

Login Issue on HPCC Nodes
Chun-Min Chang posted on Oct 28, 2019
09:55 AM: Right now, there is a problem to log into HPCC. Please wait for more update. 10:00 AM: During the weekend, a home mounting problem happened for many compute nodes. The issue is fixed. 10:25 AM: The login to HPCC is back to normal now. However, there is still a problem to log into dev-intel16-k80 node. 10:55 AM: dev-intel16-k80 can be log in now. The issue is resolved.

Upcoming Changes to Singularity Container Software on the HPCC
Steven Ford posted on Oct 18, 2019
On Wednesday, October 23rd, the HPCC will be updating its installation of the Singularity container software to the latest version 3.4. This update adds new features including increased support for file system overlays and increased stability for containers using MPI. If you have any questions, please contact the HPCC at contact.icer.msu.edu.

RESOLVED* - HPCC Is Currently Down
Chun-Min Chang posted on Oct 17, 2019
10/17/2019 10:03 AM: There was a filesystem issue that has been resolved. The gateway and development nodes have resumed full functionality. However, compute nodes are still not recovered. 10/17/2019 09:40 AM: The HPCC is currently experiencing system issues. We are working on problem and will update this message when we have more information. We are sorry about the inconvenience. HPCC Staff

See More...

Obtaining HPCC accounts
Accounts must be requested by a MSU faculty member by filling out this form and existing MSU IDs are required. More information at https://icer.msu.edu/users/getting-started

Buy-in options
If you want to have priority access to our clusters, you can purchase buy-in nodes.

Questions?
If you have questions and couldn’t find answers in this documentation, please submit a ticket.

Walk-in helpdesk hours
Monday and Thursday, 1-2pm, Biomedical & Physical Sciences Building, Room 1440

Registration for HPCC workshops
Our monthly workshops cover introductions to Linux, HPCC, and some popular software tools. Check out our training website.

Acknowledgements
We encourage HPCC users to acknowledge iCER/MSU in publications arising from simulations performed on our resources. Let us know that we have been referenced, and we will link to your publication on our publication site, which will further increase the visibility of your work. A sample statement can be: "This work was supported in part through computational resources and services provided by the Institute for Cyber-Enabled Research at Michigan State University."