

High Performance Computing Working Group 5

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Past Activities

- Survey: Needs of the MSM community
 - Collecting responses
- Webinar on HPC resources
 - Manage the files and use HP resources with TACC
- Contacted high performance computer centers
 - Texas Advanced Computing Center
 - Reach out to industrial supporters: Rackspace
 - Organized HPC workshops in San Antonio
- Connecting to Biomedical Data to Knowledge (BD2K)
 - Discussion with teams proposing centers
 - Role of HPC in the BD2K infrastructure

Future Activities

- Organize webinars
 - Utilizing heterogeneous computing (including GPUs)
 - How to program for parallel processing?
- Workshop on *Big Data Infrastructure*
 - *Interacting/collaborating with various BD2K centers*
- *Possible collaborations on using HPC for research: bridge engineers and scientists by posting useful tools in IMAGwiki*