

Minutes of the HiPCAT Meeting
31 Oct 2005
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HiPCAT Attendees:

- James Abbott (TTU)
 - Borries Demmeler (UTHSCSA)
 - Lennart Johnson (UH)
 - Andre Kerstens (UTEP)
 - Chuck Koebel (Rice)
 - Josten Ma (UH)
 - Rosalinda Mendez (UH)
 - Tommy Minyard (TACC)
 - Dean Nobles (TACC)
 - Jan Odegard (Rice)
 - Jerry Perez (TTU)
 - Alan Sill (TTU)
 - Phil Smith (TTU)
 - Warren Smith (TACC)
 - Jae Yu (UTA)
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- Phil Smith opens the meeting.
 - Jay Boisseau is sick, which means we have to postpone the scientific computing course material topic until next meeting.
 - SC05 Update:
 - A Tigre demo will be given by the Tigre group (coordinated by Chuck Koebel)
 - Phil Smith will upload a PDF of the HiPCAT sign onto the website so that people can download this and hang it up in their exhibition booths. The file is called “HiPCAT Logo.pdf” and is an 11”x17” image (about 8MB). It can be found under the HiPCAT Workspace in the HiPCATS only section of the website.
 - Josten Ma mentions that Tigre applications/files can be uploaded to the Tigre web pages.
 - Institutional Updates:
 - UTEP:
 - The new 64-node, 128-processor Linux cluster arrived today.
 - Migration of users from the IBM p690 to the p590 is ongoing.
 - Teller, Kerstens and Taufer continue to work on SC05 (posters, trifold, etc).
 - UH:
 - UH is preparing for the “A Large Ion Collision Experiment” (ALICE) and EMAN demonstrations for SC 2005.

- UTA:
 - The first purchase order for the ATLAS Southwestern Tier 2 center has been submitted.
 - UTHSCSA:
 - An 8 TB FB storage array has been ordered that will be used by biologists and for backup.
 - Jay B. and his team have visited UTHSCSA to discuss TIGRE and potential grid applications at UTHSCSA and UTSA.
 - TTU:
 - Phil mentions Regan Moore visit, which starts a discussion on synergies between Tigre and Texas state-wide digital library project.
 - Jerry Perez visited University of Kentucky.
 - Peter Westfall and Alan Sill gave presentations at GGF in Boston.
 - Rice:
 - Received a Cray XD1 system which will be placed into the new downtown data center (30000 sq. feet) and connected to the fiber ring.
 - TACC:
 - Wrangler cluster expanded with 200 nodes.
 - Evaluating a SGI Prism Altix visualization system.
 - TACC is used for storage of Hurricane data.
 - 2 day training on Parallel Computing will be given in January.
- TTU found problems running the Linpack benchmark on new 128-node Dell cluster. Problems: residual way off (10^{20}), Tommy M. (TACC) says that the HPL might have a bug, maybe problem with random number generator. Benchmark run as 128 threaded processes.
 - January face-to-face meeting: Phil asks how Borries is doing on the organization. Borries mentions he has problems with HiPCAT website access. Josten promises to fix this. Proposed date: somewhere mid-January; He will use member email list to find out about best date and get feedback.
 - Should we have a conference again before the face-to-face meeting in January? Consensus is no, because most people will also be a SC05 and can meet 1-to-1.
 - Phil adjourns the meeting at 3:45 (CST).