

Education and Outreach Activities

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Fall/Winter 2001:

- UT Brownsville administration approved the hiring of a full-time tenure-track faculty member to serve as GriPhyN E/O coordinator.
 - » Began search for E/O coordinator.
- Began benchmarking tests for UTB Linux cluster (primarily for LIGO data analysis, but also as a testbed for GriPhyN software).

Spring/Summer 2001:

- Search complete. Manuela Campanelli hired, to start Fall 2001.
 - » Attended GGF1 and GriPhyN All-Hands meetings.
 - » Made contacts with heads of dissemination programs for European data grid projects (e.g., DataGrid, EuroGrid).
 - » Helped prepare the iVDGL proposal, which will increase MSI participation in grid activities by constructing small clusters (e.g., Tier3 centers) at these institutions.
- Benchmarking complete. Begin construction of 96-node Linux cluster.

Present activities

- Design of web-page for GriPhyN/iVDGL E/O activities:
 - » <http://www.aei-potsdam.mpg.de/~manuela/GridWeb/main.html>
 - » Basic educational material about data grids, information about the physics experiments, etc.
- Preparation of a proposal for an REU supplement to support undergraduate students doing grid-related research during the summer.
- Construction of UT Brownsville Linux cluster complete. Begin grid-enabling cluster (install Condor, Globus, gridftp; work with UW Milwaukee as part of LIGO-GriPhyN).

- Extend GriPhyN/iVDGL E/O web pages:
 - » Add more technical support information (e.g., documentation, users manuals, “how-to” guides) as virtual data toolkits become ready.
 - » Add web-based interface for accessing real data, illustrating some concepts of virtual data (e.g., <http://skyserver.sdss.org> website for SDSS data).
- iVDGL funded!
 - » Support additional undergraduate and graduate students at minority serving institutions.
 - » Construct Tier3 centers at UT Brownsville, Hampton University, and Salish Kootenai College.
 - » Hold “how-to” workshops/tutorials at the Tier3 centers.
- GriPhyN/iVDGL All-Hands meeting at a MSI. (Propose UT Brownsville in Spring 2003.)

- 1) Everybody needs to give talks at other colleges and universities to spread the news about GriPhyN and iVDGL. (Inform and send your talks to the E/O coordinators.)
- 2) For the REU supplement, we need to know who would like to mentor students next summer and what projects you would like worked on.
- 3) Researchers at QuarkNet centers (e.g., Indiana, U Florida, Hampton) should think of ways to incorporate grid-related components to their already existing activities.
- 4) Include grid concepts in the classes you are teaching.
- 5) Comments, suggestions, contributions to E/O web pages are more than welcome!