Texas Advanced Computing Center [1]

The Texas Advanced Computing Center (TACC) at The University of Texas at Austin is one of the leading centers of computational excellence in the United States. Located on the J.J. Pickle Research Campus, the center's mission is to enable discoveries that advance science and society through the application of advanced computing technologies.

TACC provides comprehensive advanced computing resources in the following areas:

- **High performance computing (HPC) systems** [2] of a variety of architectures enable larger simulations and shorter computation times than are possible using the computers available to individual researchers, academic departments, and research centers;
- **Advanced scientific visualization (SciVis) resources** [3] including computing systems with high performance graphics hardware, remote visualization capabilities, and large tiled displays enable large data analysis and promote knowledge discovery;
- **Data storage/archival systems** [4] hold the vast quantities of data that result from HPC simulations, satellite and sensor monitoring, and the digitization of archives;
- **Networking** [5] allows both local- and wide-area access to TACC's resources; and
- **Software** [6] and tools assist scientists and technical practitioners in using advanced computing, data hardware, and remote visualization resources.
