University of Texas System Center for High Performance Computing

Address:
UT System CHPC
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Description

The CHPC provides access to a CRAY X-MP/24, currently running the COS 1.16 operating system. Pre- and post-job processing, including access service for interactive jobs is provided by a VAX 8600, currently running VMS 5.1. File service is provided by an IBM 4381, currently running MVS/XA 2.2.0 and DFHSM.

In October of 1988, a second CRAY, the CRAY X-MP EA/14se was installed with the UNICOS 4.0 operating system, to provide users with a migration vehicle to UNIX. Simultaneously, a CONVEX C120 was installed to provide UNIX-based access service to both the new CRAY X-MP EA/14se and the earlier-installed CRAY X-MP/24. The IBM 4381 currently provides file service for the UNICOS CRAY that now runs the UNICOS 5.0 operating system. VMS-based access service for the UNICOS CRAY is provided by the VAX 8600.

The UT System Board of Regents has approved a major expansion of the CHPC facility, possibly to begin in September of 1990.

Network Access

The VAX 8600 and CONVEX C120 are on the Internet as hosts chpc.utexas.edu and mermes.chpc.utexas.edu respectively.

Who Can Use The Center

The center is available to researchers within The University of Texas System, including the following academic components:
The University of Texas at Arlington
The University of Texas at Austin
The University of Texas at Dallas
The University of Texas at El Paso
The University of Texas-Pan American
The University of Texas-Pan American at Brownsville
The University of Texas of the Permian Basin
The University of Texas at San Antonio
The University of Texas Institute of Texan Cultures at San Antonio
The University of Texas at Tyler

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and the following health component institutions:

The University of Texas Southwestern Medical Center at Dallas
The University of Texas Medical Branch at Galveston
The University of Texas Health Science Center at Houston
The University of Texas Health Science Center at San Antonio
The University of Texas M.D. Anderson Cancer Center
The University of Texas Health Center at Tyler

Special arrangements to use the supercomputing facilities are possible, as for example with Sematech and MCC.

Miscellanous Information

The adminstrative staff members at the center are:

Director: Dr. James Almond (j.almond@chpc.utexas.edu)

Associate Director, Technical Services: Mr. Gary Smith (g.smith@chpc.utexas.edu)

Associate Director, Applications Research and Development: Dr. Matthew Witten (m.witten@chpc.utexas.edu)

Assistant Director, User Services: Mr. Luther Keeler (l.keeler@chpc.utexas.edu)

Manager, Computing Services: Mr. Dean Nobles (d.nobles@chpc.utexas.edu)

Manager, Administrative Services: Mrs. Janet McCord (j.mccord@chpc.utexas.edu)