

NCCS Snapshot

The Week of February 5, 2007

NATIONAL CENTER
FOR COMPUTATIONAL SCIENCES



Oak Ridge National Laboratory
U.S. Department of Energy

NCCS Prepares for System Upgrades

- Users will migrate in February to new XT4 system on second floor
- Existing XT3 cabinets will be moved to second floor and merged with XT4 cabinets, creating 100-TF system
- Quad-core processors will replace dual-core processors in late 2007, creating 250-TF system
- NCCS working with users to effectively transition to new system



Jaguar XT4 Supercomputer

Kothe Shares NCCS Accomplishments with Japanese HPC Community

- NCCS Director of Science Doug Kothe (left in photo) speaks at the 4th Cray HPC Conference 2007



“I think that DOE and the LCF here, jointly with Cray, are among the world leaders when it comes to high-performance computing.”

- Conference held January 25–26 in Tokyo
- Talk entitled “Science Enabled by Leadership Computing—Science Highlights and Outlook at the ORNL Leadership Computing Facility”
- Opportunity to meet with potential NCCS users and share cutting-edge computing accomplishments of the NCCS

NCCS Staffer Discusses Computing with College Students

- Tom Barron of Technology Integration Group is keynote speaker to Birmingham Area Consortium for Higher Education
- BACHE is a cooperative effort among the city's 4-year colleges and universities
- Enthusiastic students discuss research, learn about ORNL high-performance computing opportunities
- Shares the good news about careers in computing



BACHE

BIRMINGHAM AREA CONSORTIUM FOR HIGHER EDUCATION