

High Performance Computing Day

FRIDAY, MARCH 4, 2005

Dell Computer Corporation has been a long-time partner with the University of Missouri to provide cost-effective computer technology. To celebrate Dell's support for UMSL's first and second generations of high-performance Cluster computing, we have organized High Performance Computing Day at UMSL, with Dell's kind sponsorship.

On **Friday, March 4**, we will hear presentations from research faculty at UMSL as well as leading experts in Cluster Computing from NCSA, Intel and Dell. Please come to the Millennium Student Center, Century Room A for exciting talks and discussion about how your research can benefit from Cluster Computing, and the latest technical developments.

The Day is open to UM faculty, staff and students. A light lunch will be served. We look forward to seeing you there.

Please register online at:

<https://tomsawyer.umsl.edu/webapps/weboffice/hpc/login.cfm>

8:30 - 9:00: *Coffee*

9:00 - 9:30: *Introduction* - Dr. Jim S.C. Tom, Associate Vice-Chancellor for Information Technology, University of Missouri-St. Louis

9:30 - 10:30: *High Performance Computing in Biochemistry and Drug Design* - Dr. Chung Wong, Professor of Chemistry, University of Missouri-St. Louis

10:30 - 11:30: *Applications of Cluster Computing at NCSA* - Brian Kucic, Program Manager, NCSA

11:30 - 12:30: *ABC's of Clustering* - Roger Goff, Dell Engineering Technologist for the Americas

12:30 - 1:30: *LUNCH BREAK*

1:30 - 2:30: *Platform Rocks & LSF Scheduler* - Chris Smith, Principal Engineer for Platform Computing

2:30 - 3:30: *Infiniband Interconnect ABC's* - Matt Blythe, Product Manager for Topspin Switches

3:30 - 4:30: *Cluster File Systems* - Roger Goff, Dell Engineering Technologist for the Americas



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