

HIGH PERFORMANCE COMPUTING

by

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Mathematics and Computer Science

With the advent of multi-core processor chips, high-performance parallel processing is becoming a significant consideration for personal computers. What parallel processing is and why it is important will be discussed.

Significant changes in chip technology affecting both supercomputers and game consoles will be presented, including IBM's CELL BE and Quad-core products from Intel and AMD.

The presentation will also include an overview of the cat-Cluster, NMU's high performance parallel processing cluster. Grid computing will also be discussed.



Thursday

February 22, 2007

4:00 p.m.

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