

Physics Colloquium

High Performance Computing at Texas Tech

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I will discuss various aspects of high performance computing (HPC). The view from afar is that Moore's law still holds. Individual multi-core CPUs are still becoming more powerful, even though clock rates are not increasing. The national view is that we have a few petaflop machines for the highest end computational science (much of which is physics based). The push is for an exaflop machine (due in 10 years). Power and cooling are becoming critical issues for HPC centers. Finally, I will discuss some of the exciting science that is being done on campus using our HPC facility.

**Thursday, October 29, 3:30pm,
SCI 234**

Refreshments will be served in Sci 103 at 3:00pm