EINLADUNG
zum
ZIH-Kolloquium

Titel: **Computational science – the future is cloudy**

Referent: **Dr. Craig Stewart**
Vice President for Information Technology, Indiana University

Abstract:

Growing demand for computational resources means rapidly growing electrical bills. Rapid changes in processor architecture make the future of various programming models less certain than was once the case. And decades of widespread agreement that supercomputers are too hard to program has led to further agreement on this point - but little progress. Cloud computing is getting a great deal of attention, with little clarity on its practicability for use in scientific and high performance computing. Hyperbole is constant but we may really be near a point where we see rapid change in the way scientists use advanced grid computing and supercomputing technologies.

This talk will outline recent and emerging trends in scientific computing, grid computing, and cloud computing, and try to identify some themes that may be useful for the high performance computing community. It will focus particularly on the linkages and interactions between grid and cloud computing.

Ort: **Willers-Bau C 207**

Zeit: **Donnerstag, 18. Juni 2009, 10:30 Uhr**

gez. Prof. Dr. Wolfgang E. Nagel