Zentrum für Hochleistungsrechnen

E i n l a d u n g

zum

Z H R - K o l l o q u i u m

Titel: **High Performance Computing at the Lawrence Livermore National Laboratory**

Referent: **Dr. Jeff Vetter**
Center for Applied Scientific Computing
Lawrence Livermore National Laboratory / USA

Abstract:

Today, users have widespread access to massively-parallel computing resources. For example, at LLNL, users have a choice of several platforms including ASCI White and an 11 TF Linux cluster. With ASCI Purple and BlueGene/L, LLNL will continue this trend into the foreseeable future. In this talk, I will present our current strategy for deploying a scalable hardware and software infrastructure to our users and will highlight some of the challenges that we have discovered at this unprecedented degree of parallelism in both applications and architectures. I will also show some recent results that we have collected from an applications-driven performance study of LLNL workloads.

Ort: **Willers-Bau C207**
Zeit: **Montag, den 01. September 2003, 10.00 Uhr**

gez. Prof. Dr. W.E. Nagel