

EINLADUNG

- Zeit: Donnerstag, 16.04.2009, 09.00 Uhr
- Ort: Seminarraum Informatik 11, Ahornstr. 55
(Altbau, 3. OG, Raum 2323)
- Referent: Herr Prof. Dr. Anthony T. Chronopoulos,
University of Texas at San Antonio, USA
- Titel: Implementation of Distributed Loop Scheduling
Schemes on the TeraGrid

Abstract:

Grid computing can be used for high performance computations. However, a serious difficulty in concurrent programming of such heterogeneous systems is how to deal with scheduling and load balancing of such systems which may consist of heterogeneous computers on different sites. Distributed scheduling schemes suitable for parallel loops with independent iterations on heterogeneous computer clusters have been proposed and analyzed in the past. We implemented previously derived schemes in MPICH-G2 and MPIg on the TeraGrid. We present performance results for three loop scheduling schemes on single and multi-site TeraGrid clusters.

Es laden ein: Die Dozenten der Informatik