

## Magdeburg goes for the top with Tina Beowulf-cluster

**Magdeburg 12 February 2001** *The Otto-von-Guericke-Universitaet in Magdeburg has installed a 144 processor Beowulf cluster nicknamed 'Tina'. Their goal is to get into the TOP500 with it, well apart from using it for scientific research, of course. Whether they will succeed? They have got 40 Gflop/s out of Tina in first tests. About 55 Gflop/s would be needed to get into the TOP500 list. But then, Tina only did cost 230.000 euro.*

Tina is a cluster build from 72 PC's, each with two 800 MHz Pentium III processors and 512 Mbyte of memory. The interconnection network consists of 100 Mbit Ethernet. Attached to Tina is 90 Gbytes of disk space. the operating system used is Linux.

Projects studied in Magdeburg include crystal growth and granular materials.

The machine is installed at the Institute for Theoretical Physics at the university.

For more information check out Tina's web site.

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