



Euro-Par 2006

Dresden, Germany

29th August - 1st September 2006

Grid Village in conjunction with Euro-Par 2006



John von Neumann Institute for Computing

The John von Neumann Institute for Computing (NIC), whose main facilities are operated by the Research Centre Jülich's Central Institute for Applied Mathematics (ZAM), is one of three national HPC Centres in Germany. Its task is to support and further develop scientific computing in Germany in cooperation with other centres, universities and research institutes by providing supercomputer resources, developing computational methods, conducting interdisciplinary research, and offering educational and training opportunities.

At the NIC booth you can see a demonstration of a current research application in the field of laser high energy plasma simulation, combined with collaborative on-line visualization and computational steering. All components of the demonstration are managed by the GRID infrastructure UNICORE 6.0. To show the collaborative aspects of the application the demonstration will be held at the NIC and the UNICORE booth concurrently. The exhibit is complemented by the presentation of latest results in research and development at NIC/ZAM.