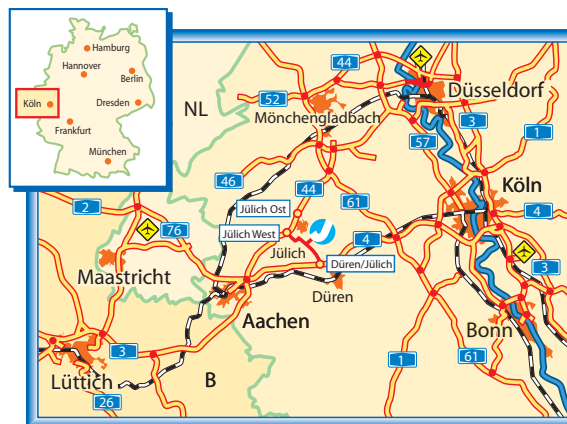


The supercomputers with the required information technology infrastructure are operated at the Jülich Central Institute for Applied Mathematics (ZAM) and the Centre for Parallel Computing at DESY in Zeuthen. The current research groups are *Computational Biology and Biophysics* in Jülich and *Elementary Particle Physics* in Zeuthen.

NIC is headed by a Management Board of Directors composed of a member of the FZJ Board of Directors, a member of the DESY Board of Directors and the Director of ZAM. The Management Board determines NIC's scientific program and is responsible for the further development of NIC's computational, financial and personnel resources.

A Scientific Council advises the Management Board. A Peer Review Board assists the Scientific Council and the Management Board in reviewing research proposals applying for supercomputer resources; it evaluates the submitted project proposals and makes recommendations for appropriate grants of supercomputer resources to the applicants.

How to find us:



Further Information

Information is available on the web at

<http://www.fz-juelich.de/nic/scse>

Contact:

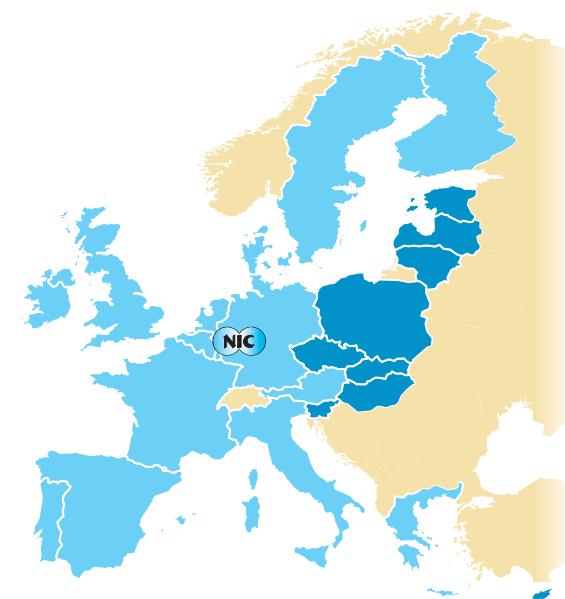
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John von Neumann Institute for Computing



Strengthening Computational Science in Europe



**Using the Supercomputers at the
John von Neumann Institute
for Computing
by European Research Groups**

About NIC

- The John von Neumann Institute for Computing (NIC) is a joint foundation of the two German Helmholtz centres Research Centre Jülich (FZJ) and German Electron Synchrotron (DESY). It acts as a national supercomputing centre and is one of the leading European centres for computational sciences. Its mission is:
- Provision of supercomputer resources in the capability range for processes in the capability range for projects in science, research and industry in the fields of modeling and computer simulation including methodological development and support.
 - Supercomputer-oriented research and development in selected fields of physics and other sciences, especially in biophysics and elementary-particle physics, by research groups for supercomputing applications.
 - Education and training in the fields of scientific computing by symposia, workshops, schools, seminars, courses, and guest programs for scientists and students.

Interested researchers from European universities or research laboratories are invited to submit scientific proposals. They will undergo a peer reviewing process and, after a positive evaluation, they will be granted an adequate amount of free supercomputer time. There are no further administrative requirements. Prospective users should follow the regular application procedure and submit a proposal electronically according to the rules set out in

www.fz-juelich.de/nic/Rechenzeit/InfoAntrag-e.shtml

Proposals in the framework of this initiative are not subject to the deadlines valid for proposals submitted by German researchers.

Please direct questions and remarks to Prof. Dr. Dr. Thomas Lipfert, Director of NIC or to Dr. Manfred Kremer, Scientific Secretary of NIC.

NIC Initiative

As one of the leading European centres for computational science, the John von Neumann Institute for Computing (NIC) at the Research Centre Jülich (FZJ), Germany, has started an initiative to trigger and advance the collaboration with computational scientists of the European Union, in particular with those of the new member states. As part of this initiative, NIC offers free access to its supercomputers, which are among the most powerful ones worldwide, to excellent research groups in these countries on the same terms as to researchers in Germany. Resources in the range of 4,000 TeraFlops hours (This corresponds to about 600,000 processor hours on NIC's current IBM supercomputer *Jump*).

