

Montenegro GRID Initiative (MGI)

Montenegrin Research and Education Network (MREN) was established in June 2005. Its competence is planning development of Montenegrin Academic Network.

From the beginning, MREN and Center of Information Systems (CIS) participate in two projects within the EU's Sixth Framework Programme (FP6), i.e. in SEEREN2 and SEE-GRID2.

SEEREN2 relates to mutual concatenation of all academic networks of South East Europe, as with European Academic Network (GEANT). With its activities within SEEREN2 project, Montenegrin Academic Network became a part of GEANT.

SEE-GRID2 is designed for forming academic GRID in South East Europe and is in the first phase of realization. With this project, clusters are being formed and connected in GRID. Cluster is collection of more connected general purposed PC's which represent unique computing system. Connecting more clusters via stable computing network produces GRID, which provides users more capacious and more efficiency use of computing resources.

We are witnesses of rapid development of information-communication technology and its use in scientific-research and development purpose.

However, the greatest research and development performances are hardly achieved on standard ICT equipment (PC). Even more luxuriant financial and personnel environments, cannot afford purchase of super-computers, corresponding their scientific, technical and development requirements.

Just because of that, in clusters we are searching alternative for super-computers.

Within SEE-GRID2 project, MREN (CIS) will install powerful cluster which will be available to all interested users, and link it in GRID scientific-research and development institutions of South East Europe. In the starting phase CIS will realize one application for needs of concrete scientific-research work, and will present other applications which will be available on GRID.

Besides upon specified, also one of the tasks of this project is forming national GRID initiative (MGI).

We recommend MREN (CIS) to be bearer of this Initiative, to coordinate activities together with Faculty of Electrical Engineering and Faculty of Natural sciences and Mathematics, as institutions which have educational, scientific and development potential from this area.

Likewise, we invite all other scientific-research and development institutions, companies and individuals to uphold and join this Initiative in measurement in which they see their scientific-research and development behalf.

Inauguration meeting of Montenegro GRID Initiative (MGI) will take place on **November 1st, 2006 at 14.00h**, in the Conference Room in Rectorat of University of Montenegro.

In hope that you will be able to attend this meeting, we thank you on betoken confidence in advance.

Ministry
Slobodan Backovic

Rector
Ljubisa Stankovic