

# HPC-Europa2

Pan-European Research Infrastructure on High Performance Computing

Welcome to the fifteenth edition of the HPC-Europa2 newsletter! This issue is edited by CINECA and focuses on TAM 2010 held in Helsinki 15-17 June 2010 (web site: <http://www.hpc-europa.eu/?q=node/116>).

## TAM, the Transnational Access Meeting

offers the users a unique opportunity to meet, present their work and exchange experiences  
allows the members of the selection panel (SUSP) to verify the users' achievements  
is an opportunity for the consortium to gather feedback on the users' satisfaction

The TAM represents the key annual dissemination event of HPC-Europa2. All of the previous year's visitors (HPC users who accessed our infrastructures) are invited to present a talk or a poster on their work and results. The meeting is a great occasion for visitors to meet others who visited at a different time or who went to another centre, and can be a great catalyst for cross-disciplinary fertilisation, as a result of the wide variety of research areas represented.

Members of the selection panel (SUSP), local scientific hosts and other members of the local research community are also invited to attend, thereby raising the profile of the programme and disseminating the results to a wider audience.

Invited experts present their vision of the future developments of HPC and, more generally, new trends in the development and availability of tools (both software and hardware) to support and develop users' research activities, thus stimulating interest amongst both experienced and new users of HPC. Furthermore, keynote speeches from well known and highly-regarded members of the local research community act as a bridge between the project itself and researchers working in HPC who are not already involved.

### Next 2010 call for applications deadlines are:

15 September	27th Call
15 November	28th Call



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## Over 80 European computational science researchers sharing results and experiences at CSC

CSC – IT Center for Science hosted the annual HPC-Europa2 Transnational Access Meeting enhancing European scientific collaboration. This three-day-event gathered together over 80 scientists from thirteen European countries.

The HPC-Europa2 Transnational Access Meeting took place at CSC – It Center for Science from June 15 to 17, 2010. The programme included tutorial on advanced MPI and scientific presentations from research visitors that have benefited access to first-class European HPC platforms thanks to the HPC-Europa2 project.

*-Transnational Access Meeting is an excellent opportunity for young researchers across Europe to meet, network and exchange ideas, says Antti Pursula, Development Manager at CSC organizing the event.*

HPC-Europa2 is a EU FP7 funded programme offering short collaborative research visits and access to some of Europe's best supercomputers. In this partnership seven leading High Performance Computing centers, including CSC from Finland, and four centers of excellence provide advanced computational services in an integrated way to European researchers.

Since the launch in the beginning of 2009 HPC-Europa2 over 300 researchers have benefited from the research visitor programme. There have been 20 research visitors to Finland, hosted by Finnish Universities, who have been granted access to CSC's supercomputers. The next call of applications will start on September 15. The HPC-Europa2 programme will continue until the end of 2012.

*-Thanks to HPC-Europa2 grant I got access to excellent facilities and support software. It was great to work with experienced professor and at the end of my stay I had a lot of new ideas to present to my own research group, says Andrew Logsdail, participant to the meeting and PhD student in the field of theoretical chemistry from the University of Birmingham. He spent last winter six weeks working with Jaakko Akola's research group at Nano Science Center of the University of Jyväskylä using CSC's supercomputers Louhi and Murska in his research.*

### More information

- Transnational Access meeting presentations (<http://www.hpc-europa.eu/?q=node/120>)
- HPC-Europa2 website (<http://www.csc.fi/english/collaboration/e-infra/hpc-e2/index.html>)
- HPC-Europa2 information at CSC's website (<http://www.csc.fi/english/collaboration/e-infra/hpc-e2/index.html>)



### CSC

CSC - IT Center for Science Ltd. is a non-profit limited company administered by the Ministry of Education, Science and Culture. Having core competences in modeling, computing and information services, CSC provides versatile IT services, support and resources for academia, research institutes, and companies. The Funet communication links provide research workers with Finland's widest selection of scientific software and databases and Finland's most powerful supercomputers.

### social events

