

Press release: "CSC and CSCS Arrange Two PRACE Code-Porting Workshops"

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## CSC and CSCS Arrange Two PRACE Code-Porting Workshops

*PRACE, the Partnership for Advanced Computing in Europe, will arrange two code-porting workshops this summer at CSC Finland and CSCS Switzerland. The workshops are part of a series of PRACE code-porting workshops which will be held throughout 2009. Participation in the workshops is free of charge.*

The first workshop "PRACE Workshop on Application Porting and Performance Tuning" will be held from the 11<sup>th</sup> – 12<sup>th</sup> of June, 2009, at CSC – IT Center for Science, Espoo, Finland. This workshop gives HPC experts, computational scientists and students an overview of issues involved in porting and tuning codes on the PRACE prototypes. The lectures will cover new programming models suited for future petaflop/s supercomputers, issues involved in selecting and using numerical libraries and best-practices learned from tuning and porting three scientific applications. Finally an introduction to two important performance measurement tools, Scalasca and Paraver, will be given.

The second workshop entitled "Cray XT5 Code-Porting Workshop" will be held from the 13<sup>th</sup> – 15<sup>th</sup> of July, 2009 at The Swiss National Supercomputing Centre (CSCS), Manno, Switzerland. The three day code-porting workshop will consist of a series of lectures and "hands-on" sessions covering fundamental through advanced code optimization and porting techniques on the Cray XT5 architecture. The workshop will be led by **John Levesque**, Director of Cray's Supercomputing Center of Excellence.

Registration for the code-porting workshops is free of charge. The workshops are open to participants from all PRACE member countries. Teaching language is English. To register and receive more information, please visit the web sites below.

### More information:

CSC's workshop: <http://www.csc.fi/csc/kurssit/arkisto/praceworkshop>

CSCS's workshop:  
[http://www.cscs.ch/index.php?option=com\\_joomevents&Itemid=174&func=details&did=24](http://www.cscs.ch/index.php?option=com_joomevents&Itemid=174&func=details&did=24)

More information about PRACE: <http://www.prace-project.eu>

**About PRACE:** The Partnership for Advanced Computing in Europe (PRACE) prepares the creation of a persistent pan-European HPC service, consisting of several tier-0 centres providing European researchers with access to capability computers and forming the top level of the European HPC ecosystem. PRACE is a project funded in part by the EU's 7th Framework Programme. The PRACE

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**About CSC:** CSC - IT center for science is administered by the Ministry of Education. CSC is a non-profit company providing IT support and resources for academia and research institutes: modeling, computing and information services. CSC provides Finland's widest selection of scientific software and databases and Finland's most powerful supercomputers that researchers can use via the Funet network.

**About CSCS:** Founded in 1991, CSCS, the Swiss National Supercomputing Centre, develops and promotes technical and scientific services for the Swiss research community in the fields of high-performance computing. CSCS enables world-class scientific research by pioneering, operating and supporting leading-edge supercomputing technologies. The centre collaborates with domestic and foreign researchers, and carries out its own research in scientific computing. Located at Manno near Lugano, in the southern, Italian-speaking part of Switzerland, CSCS is an autonomous unit of the Swiss Federal Institute of Technology in Zurich (ETH Zurich).

