

Press release
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PRACE/LinkSCEEM hosted a successful programming school, training videos online

The Cyprus Institute, Athalassa Campus, Nicosia, Cyprus

The Computation-based Science and Technology Research Center (CaSToRC) of the Cyprus Institute (Cyl), together with the Greek Research and Technology Network (GRNET), organized the 2011 Programming Winter School for the Partnership for Advanced Computing in Europe (PRACE) at the Cyl Athalassa Campus in Nicosia, Cyprus, between 24-27 January 2010. The school was co-organized with the LinkSCEEM-2 project 2011 Advanced Training Workshop.

The Winter School is part of the PRACE-1IP project's Education and Training task, which aims at preparing and initiating a European High Performance Computing (HPC) education and training program for scalable computing. The school is also part of the LinkSCEEM-2 project training activities aiming to prepare the Eastern Mediterranean scientific community for the use of HPC systems.

The school was very successful with about 65 participants from 14 countries attending the four days of the event. In all, 9 lecturers/trainers from European organisations together with several CaSToRC staff members offered training on a number of topics of interest ranging from MPI, OpenMP, OpenCL (and pyOpenCL) to performance analysis, visualization and parallel program debugging, among others. The program also included a plenary lecture on emerging HPC Trends given by Dr. **Norbert Eicker** from the Jülich Supercomputing Centre. For the purposes of the hands-on sessions of the school, trainees were given access to a prototype HPC system at CaSToRC.

In their post-school evaluation and general feedback participants were very enthusiastic about the school and expressed their appreciation for the work performed to ensure the high quality of the program and trainers.

Training videos from the school are available at: www.prace-project.eu/hpc-training/prace-code-porting-videos/prace-winter-school/

More information: Christos Nicolaou (c.nicolaou@cyi.ac.cy); Webpage: [Winter 2011 Programming School webpage](#). School blog: [Winter 2011 Programming School Blog](#).

About PRACE: The Partnership for Advanced Computing in Europe (PRACE) is an international non-profit association with its seat in Brussels. The PRACE Research Infrastructure (RI) provides a persistent world-class High Performance Computing (HPC) service for scientists and researchers from academia and industry. The PRACE leadership systems form the apex of the performance pyramid and are well integrated into the European HPC ecosystem. PRACE receives funding from the EU's Seventh Framework Programme (FP7/2007-2013) under grant agreement n° RI-261557.

About LinkSCEEM-2: The LinkSCEEM-2 project aims at the establishment of a HPC eco-system in the Eastern Mediterranean region by interlinking and coordinating regional compute, storage and visualization resources to form an integrated e-infrastructure. The main project objective is to enable scientific research in the region by engaging and supporting research communities with an initial emphasis in the fields of climate research, digital cultural heritage and synchrotron applications. To achieve its mission, the project will link e-resources, provide user support and training, carry out targeted networking activities, and, develop and implement a well-structured HPC resource allocation mechanism. LinkSCEEM-2 receives EC funding through grant RI-261600.