

Press release
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Nine PRACE Prototypes are Available for Testing

PRACE, the Partnership for Advanced Computing in Europe, invites researchers from academia and industry to test applications on prototypes of potential future HPC Petascale systems.

The application deadline for this call is April 11 for decisions on May 1.

PRACE provides access to nine different prototypes for testing, of which three are available for the first time in this call. The three new prototypes available for testing are hybrid clusters: Bull Novascale x86 + nVIDIA Tesla GPUs installed at CINES, France, SGI ICE2/UV x86 Nehalem + Petapath/Clearspeed, joint prototype of CINES-LRZ (France, Germany) and HP + Petapath/Clearspeed at NCF/SARA (the Netherlands).

One of the main goals of the PRACE project is investigating petascale prototypes and carrying out research into scaling and optimising applications on petascale machines. In order to access the PRACE prototypes, the applications will be reviewed using publicised criteria. Priority will be given to applications that are different from those already being investigated by PRACE.

Proposals from academia and industry are eligible, as long as the organisation of the project leader is based in Europe (or a PRACE initiative country). Depending on the system vendor, researchers from some countries cannot be granted access due to export regulations.

The prototypes are intended for testing and not for production work. As a general rule application support (e.g. code development, optimisation, parallelisation, etc.) during prototype testing is limited. Prototype access is granted after a technical review by the PRACE partner hosting the prototype. The maximum test period is three months per application.

Applicants must agree to summarise the results in a report to be sent to PRACE not later than one month after completion of the work. Applicants must also agree that applicants' names and affiliations, as well as a summary of the project purpose and the results achieved during prototype testing, may be made publicly available on the PRACE website and may be used in PRACE deliverables and other PRACE documents.

More information: <http://www.prace-project.eu/prototype-access>

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 project receives funding from the European Community's Seventh Framework Programme (FP7/2007-2013) under grant agreement n° RI-211528.