PRACE: Results of the 7th Regular Call

The Partnership for Advanced Computing in Europe (PRACE) is continuously offering supercomputing resources on the highest level (tier-0) to European researchers.

The Gauss Centre for Supercomputing (GCS) is currently dedicating shares of its IBM iDataPlex system SuperMUC in Garching, of its Cray XE6 system Hermit in Stuttgart, and of its IBM Blue Gene/Q system JUQUEEN in Jülich. France, Italy, and Spain are dedicating shares on their systems CURIE, hosted by GENCI at CEA-TGCC in Bruyères-Le-Châtel, FERMI, hosted by CINECA in Casalecchio di Reno, and MareNostrum, hosted by BSC in Barcelona.

The 7th call for proposals for computing time for the allocation time period September 3, 2013 to September 2, 2014 on the above systems closed March 26, 2013. Five research projects have been awarded a total of about 178 million compute core hours on

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SuperMUC and six have been awarded a total of about 120 million compute core hours on Hermit. On JUQUEEN, three proposals have been awarded a total of about 52 million compute core hours, while 48 million compute core hours were given to already approved long-term projects from previous calls.

Four of the newly awarded research projects are from France, two are from Germany, Italy, and Switzerland, each, and one is from Finland, Ireland, the Netherlands, and the United Kingdom, each. The research projects awarded computing time cover again many scientific areas, from Astrophysics to Medicine and Life Sciences. More details, also on the projects granted access to the machines in France, Italy, and Spain, can be found via the PRACE web page www.prace-ri.eu/PRACE-7th-Regular-Call.

The 8th call for proposals for the allocation time period from March 4, 2014 to March 3, 2015 closed on October 15, 2013 and evaluation is still under way, as of this writing. The 9th call for proposals will open in February 2014.

Details on calls can be found on www.prace-ri.eu/Call-Announcements.

PRACE Projects meet in Varna

Over 100 researchers from the three PRACE Implementation Phase projects convened for their annual all-hands meeting in Varna, Bulgaria, from 3 to 5 June 2013. These meetings are a unique opportunity to inform the participants in the projects about the current status and achievements of PRACE, coordinate and synchronize the work between the work packages, and plan the steps for the coming year.

Starting in 2010 the European Commission supported the implementation of the PRACE Research Infrastructure with a total of 57 million Euro. The grants were awarded to three individual, partly overlapping projects. Although the

overall objective for all three is supporting the accelerated implementation of the pan-European high-end computing Research Infrastructure created and operated by PRACE, each of them has a specific focus.

Careful planning coordination is essential to avoid duplication of work in the 29 work packages and among the nearly 400 collaborators from 25 countries especially if the descriptions sound similar like dissemination, training, operations, or application support. Each of the three projects has to cover these areas and does so addressing complementary aspects or taking over after completion of a predecessor project.

Participants of the PRACE All-hands meeting in Varna, Bulgaria.