Barcelona hosts 500 experts in advanced computing

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Organization: PRACE

• *Researchers put the needs of European industry at the top of their agenda*

• *The discussions will take place during three events to be held in the coming two weeks with the Barcelona Supercomputing Center at the epicentre.*

About 500 highly qualified computing scientists will visit Barcelona in May to participate in three technical events that will take place around the Barcelona Supercomputing Center –Centro Nacional de Supercomputación (BSC -CNS). The meetings will be held from between 9 and 23 May and have the common objectives of progress of research in advanced computing and how to maximize its utility to science and industry.

First date: meeting of the Hipeac Network of Excellence

HiPEAC Network of Excellence has chosen Barcelona to celebrate its **Computer Systems Week** and the 10th anniversary of the association, which was set-up with the aim to promote high performance computing as well as research and training on embedded systems.

"*We are pleased to see that HIPEAC pioneered the prediction that the world of supercomputing and embedded systems end up converging,*" says Mateo Valero, director of BSC -CNS, and one of the founders of the network, "*now we see that this idea is a reality and we have begun to explore the enormous potential of mobile technology platforms for supercomputing future, as demonstrated by the Mont- Blanc project led by the BSC.*" This event will bring together from 12 to 16 May more than 300 high level researchers – several of them holders of the most prestigious awards in science computation – as wel as representatives of leading European companies in the sector.

Second date: revision block EU-funded projects

Parallel to the HiPEAC meeting the block review of 14 projects on advanced computing funded by the European Commission will take place. The purpose of this review, which exceptionally is held outside Brussels, is to analyse the progress of the projects one by one and join efforts to maximize their impact on the European industry and society.

Third date: PRACEdays14

From 20 to 22 May, the PRACE Scientific Industrial Conference - the PRACE Days - will be held. It is the first time that PRACE brings together in a single conference, academic and industrial users of High Performance Computing. The motto of the conference is **HPC for Innovation: when Science meets Industry** and the aim is to strengthen innovation, knowledge transfer, and competitiveness in Europe.

"*This year's programme includes 6 high-level keynote speakers, 7 parallel tracks, contributions from representatives of the European Commission, and a welcome address by the General Secretary for Science, Technology and Innovation of the Spanish Government. A Workshop on Exascale and PRACE Prototypes was added as a satellite event, and the PRACE User Forum will hold its Open Session before the start of the conference. Overall a very varied offer of information and knowledge transfer for which over 200 academic and industrial users of HPC have registered. PRACE wants to make this event a tradition for the European HPC communities and with such a promising first edition we are enthusiastic about achieving this goal,*" says Dr. Sergi Girona, Chair of the PRACE Board of Directors.

Links

· HiPEAC: http://www.hipeac.net/

· EU R&I on advanced computing and related areas: https://ec.europa.eu/digital-agenda/components-systems

· PRACE Days: www.prace-ri.eu/pracedays14

· BSC: www.bsc.es

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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 provides a persistent world-class high performance computing service for scientists and researchers from academia and industry in Europe. The computer systems and their operations accessible through PRACE are provided by 4 PRACE members (BSC representing Spain, CINECA representing Italy, GCS representing Germany and GENCI representing France). The Implementation Phase of PRACE receives funding from the EU's Seventh Framework Programme (FP7/2007-2013) under grant agreements RI-283493 and RI-312763. For more information, see www.prace-ri.eu

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