



Arm Announces New Arm-BSC Centre of Excellence for Continued Innovation

May 20, 2019

May 20, 2019 — [Barcelona Supercomputing Center \(http://www.bsc.es/\)](http://www.bsc.es/) (BSC) and [Arm Research \(https://www.arm.com/resources/research\)](https://www.arm.com/resources/research) have signed a multi-year agreement to establish the Arm-BSC Centre of Excellence. This is in recognition of the leadership and hard work of BSC in pioneering Arm in High Performance Computing (HPC), and the success of EU-funded [MontBlanc projects \(https://community.arm.com/developer/research/b/articles/posts/mont-blanc-pioneering-arm-based-hpc\)](https://community.arm.com/developer/research/b/articles/posts/mont-blanc-pioneering-arm-based-hpc), of which both institutions are a main partner, alongside Atos Bull.

The Centre of Excellence will broaden the current scope of interaction and collaboration between BSC and Arm, from HPC to automotive, from scientific computing to real-time systems, and much more. BSC and Arm will continue to innovate in computer architecture, runtime systems, programming models for performance portability, and many other areas.

Arm awards Centre of Excellence status to a small number of research institutions with whom to build long-term strategic partnerships, including collaborative research projects, co-authored publications and joint PhD studentships. The Arm-BSC Centre of Excellence has been established with these long term aims in mind, both in terms of the research that will be conducted within the centre as well as enabling research more widely. Together, BSC and Arm will continue to promote dissemination and outreach activities in Europe using Arm technologies, and Arm will support BSC's participation in the Student Cluster Competition, the most relevant HPC contest for undergraduate students.

The Arm-BSC Centre of Excellence is already active and operational. A first [Arm SVE hackathon \(https://www.bsc.es/news/events/arm-sve-hackathon-arm-scalable-performance-hpc-and-ml\)](https://www.bsc.es/news/events/arm-sve-hackathon-arm-scalable-performance-hpc-and-ml) was organised together with the Mont-Blanc project at the beginning of January, and attracted a large number of local participants. With the support of PRACE, the Partnership for Advanced Computing in Europe, a further event is scheduled to take place by the end of the year.

About Barcelona Supercomputing Center

BSC is the leading supercomputing center in Spain. It specializes in high-performance computing. It has a dual role: providing infrastructure and a supercomputing service for Spanish and European scientists, and generating knowledge and technology to be transferred to society. It is a Severo Ochoa Center of Excellence, a member of the top-level European research infrastructure PRACE (Partnership for Advanced Computing in Europe) and manages the Spanish Supercomputing Network (RES).

BSC is a public consortium owned by the Spanish Government Ministry of Science, Innovation and Universities (60%), the Catalan Government Department of Business and Knowledge (30%) and the Polytechnic University of Catalonia (10%).

About Arm Research Collaboration and Enablement

Our dedicated Research Collaboration and Enablement team works closely with institutions around the world to enable and accelerate research innovation by providing access to industry-standard IP, tools, design flows, and expertise.

Source: *Arm*

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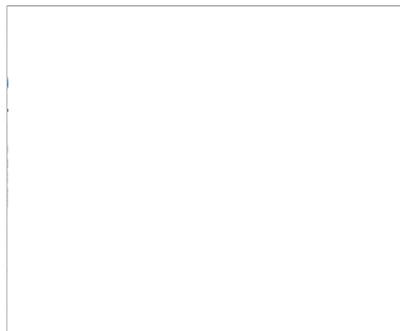
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