**PRESS RELEASE**

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**HPC Advisory Council Announces Spain Supercomputing Conference 2012**

*Sponsorship Opportunities Now Available*

**SUNNYVALE, CA. and Barcelona, Spain – July 2, 2012 –** The HPC Advisory Council, a leading organization for high-performance computing research, outreach and education, will host the HPC Advisory Council Spain Supercomputing Conference 2012 at the University of Malaga, Malaga, Spain, on September 13th, 2012. The conference will focus on High-Performance Computing essentials, new developments and emerging technologies, best practices and hands-on training. The conference will bring together system managers, researchers, developers, computational scientists, students and industry affiliates for cross-training and to discuss recent HPC developments and future advancements. Please make sure to register early to ensure your seat at the conference.

**The conference will focus on the following topics:**
• High Performance Computing systems
• High Speed Networks
• High Performance and Parallel I/O
• Communication libraries: MPI, SHMEM, PGAS
• Advanced topics / Technologies / development / the road to Exascale
• GPU computing, CUDA, OpenCL
• New HPC initiatives and programs

In conjunction with the HPC Advisory Council Spain Supercomputing Conference, the Spanish Supercomputing network will be celebrating its 6th Users Meeting on September

12$^{th}$ – co-organized by the Barcelona Supercomputing Center and University of Malaga. Both institutions will offer their experience and provide a brief overview of the European technology platforms in the area of HPC, a presentation of the Mont-Blanc project, as well as an explanation of the development of quantum computer simulations using supercomputers and the main benefits of task parallel frameworks.

"Continuing our successful international conference programs, the HPC Advisory Council Spain Supercomputing Conference is expected to uphold our tradition of providing rich educational content, taught from some of the industry's most recognized luminaries and scientists," said Gilad Shainer, chairman of the HPC Advisory Council. "High-performance computing is critical for enhancing science, research and product development. Our conference attendees will gain the knowledge on how to best leverage high-performance computing for such activities and how to better leverage HPC system capabilities and improve productivity and efficiency."

For the complete agenda and schedule, please refer to the conference website. Attendance to the conference is free. Registration is required and can be made at the HPC Advisory Council Spain Supercomputing Conference registration page.

Sponsorship opportunities are available today and provide exceptional "budget-conscious" awareness opportunities. Media sponsorship and coverage is being provided by HPCwire, insideHPC, and Scientific Computing World.

**Supporting Resources:**
- HPC Advisory Council Spain Supercomputing Conference Website
- HPC Advisory Council Spain Supercomputing Conference Registration
- HPC Advisory Council Spain Supercomputing Conference Agenda
- Connect with the HPC Advisory Council on Twitter and Facebook

**About The HPC Advisory Council**
The HPC Advisory Council's mission is to bridge the gap between high-performance computing (HPC) use and its potential, bring the beneficial capabilities of HPC to new

users for better research, education, innovation and product manufacturing, bring users the expertise needed to operate HPC systems, provide application designers with the tools needed to enable parallel computing, and to strengthen the qualification and integration of HPC system products. For more information about the HPC Advisory Council, please visit www.hpcadvisorycouncil.com.

**About the Spanish Supercomputing Network**
The Spanish Supercomputing Network (RES)
Coordinated by the Barcelona Supercomputing Center, the RES is an alliance of 8 organizations distributed throughout the Spanish geography which, since 2006, work together to offer a High Performance Computing service to the scientific community. The main objective of RES is to provide a general purpose high level service of supercomputing, and celebrate with an annual user meeting that allows the RES to get in touch with end users and comprehend their needs and the Science they need to investigate. The meeting provides information about available resources, the application process and the evaluation method, the different typologies of the access granted, the existence of mobility programs, the support provided and establishes contact with the RES Users' Committee (CURES). For more information, please visit www.bsc.es/res

**About Barcelona Supercomputing Center**
Barcelona Supercomputing Center - Centro Nacional de Supercomputación (BSC-CNS) hosts the supercomputer MareNostrum. It also counts with well-known supercomputing research groups that develop tools for the academia and industry.

BSC focuses its research areas in Computer Sciences, Life and Earth Sciences and Computer Applications in Science and Engineering. In the context of this multi-disciplinary approach, BSC counts with more than 350 researchers and experts in HPC (High Performing Computing) and 100 of those are from outside Spain.
BSC-CNS was constituted as a public consortium formed by the current Spanish Ministry of Economy and Competitivity (Ministerio de Economía y Competitividad), the Department of Economy and Knowledge of the Catalan Government and the Technical University of Catalonia. Barcelona Tech (UPC), and is headed by Professor Mateo Valero.

In 2011, the BSC-CNS was recognized as a "Severo Ochoa Centre of Excellence" for its contributions and research agenda in the area of computing and applications. In the first edition of the Severo Ochoa programme, the Ministry of Science and Innovation selected 8 research centres and units in Spain to be among the best in the world in their respective fields.
www.bsc.es
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**About the University of Málaga (UMA)**
Málaga University is a public institution which promotes outstanding research and teaching within the European Higher Education Area.

The university follows an educational model to promote competitive, quality teaching which is employment-oriented and accredited in Europe. Its spirit and growth over recent years have led it to become a reference point for universities in Spain The community is over 40,000 people and the studies provided include doctorates, official and unofficial master degrees, specialisation courses, Spanish language for foreigners, summer courses and other scientific and cultural activities for a better and more complete university training. Besides, over the last decade UMA has sought to promote the internationalisation of its teaching and research and the mobility of its teachers and students.
www.uma.es