

BSC's highlights during SC12

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Activity	Title	BSC contact person
BoF	Interoperability in Scientific Cloud Federations	Rosa M. Badia
Paper	Hardware-Software Coherence Protocol for the Coexistence of Caches and Local Memories	Lluc Álvarez, Lluís Vilanova, Marc González, Xavier Martorell, Nacho Navarro, Eduard Ayguadé
Tutorial	Asynchronous Hybrid and Heterogeneous Parallel Programming with MPI/OmpSs for Exascale Systems	Jesús Labarta, Xavier Martorell
HPC Educator Program	Unveiling parallelization strategies at undergraduate level	Eduard Ayguadé, Rosa M. Badia
Workshops	3rd Workshop on Latest Advances in Scalable Algorithms for Large-Scale Systems - ScalA	Vassil Alexandrov

Workshops	Extreme-Scale Performance Tools	Judit Giménez
Presentation at OpenMP booth	OmpSs: Integrating Task Dependences to OpenMP, Tuesday Nov 13th, 11:15 am	Xavier Martorell
Poster	Two Fluids Level Set: High Performance Simulation and Post Processing	Herbert Owen, Guillaume Houzeaux, Cristobal Samaniego, Fernando Cucchietti, Guillermo Marín, Carlos Tripiñana, Mariano Vázquez, Hadrien Calmet
BoFs	PRACE Future Technologies Evaluation Results	Alex Ramírez
BoFs	Exascale Research – The European Approach	Alex Ramírez
BoFs	Scientific Application Performance in Heterogeneous Supercomputing Clusters	Nacho Navarro
BoFs	Hybrid Programming with Task-based Models	Rosa M. Badia
BoFs	Energy Efficient High Performance Computing	Xavier Martorell
Project Meetings	Early results of the G8 Exascale Projects	
Workshop	“ Detecting and analyzing application structure with clustering ” at 10.30am in the Workshop on Extreme-Scale Performance Tools, November 16 th	Judith Giménez

- [See Calendar](#)

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