

BSC ACTIVITIES AT SC12

Sunday 11

Workshop: 3rd Workshop on Latest Advances in Scalable Algorithms for Large-Scale Systems - ScalA
Vassil Alexandrov, Jack Dongarra, Al Geist, Christian Engelmann

9:00AM - 5:30PM

Room: 255-B

Preparing HPC Codes and Software for Exascale Computing: Early results of the G8 Exascale Projects
8-5pm

Monday 12

TUTORIAL: Asynchronous Hybrid and Heterogeneous Parallel Programming with MPI/OmpSs for Exascale Systems

Jesus Labarta, Xavier Martorell, Christoph Niethammer, Costas Bekas

1:30PM - 5:00PM

Room: 251-E

Tuesday 13

HPC Educator: Unveiling parallelization strategies at undergraduate level

Eduard Ayguadé, Rosa Maria Badia

10:30AM - 12:00PM

Room: 255-A

OmpSs: Integrating Task Dependences to OpenMP

Xavier Martorell at OpenMP Booth, Tuesday Nov 13th, 11:15

BoF: Interoperability in Scientific Cloud Federations Christine Morin, Kate Keahey, Yvon Jegou, Roberto Cascella, Rosa Maria Badia. 12:15PM - 1:15PM. Room; 250-AB

POSTER: Two Fluids Level Set: High Performance Simulation and Post Processing

Herbert Owen, Guillaume Houzeaux, Cristobal Samaniego, Fernando Cucchiatti, Guillermo Marin, Carlos Tripiana, Mariano Vazquez, Hadrien Calmet

5:15PM - 7:00PM

Room:

BoF: Exascale Research – The European Approach

Alex Ramirez

5:30PM - 7:00PM

Room: 255-A

BoF: Hybrid Programming with Task-based Models

Rosa M. Badia

5:30PM - 7:00PM

ROOM: 251-C

BoF: Scientific Application Performance in Heterogeneous Supercomputing Clusters

Nacho Navarro

5:30PM - 7:00PM

Room: 155-F

Wednesday 14

BoF: PRACE Future Technologies Evaluation Results

Alex Ramirez

5:30PM - 7:00PM

Room: 250-AB

Thursday 15

PAPER: Hardware-Software Coherence Protocol for the Coexistence of Caches and Local Memories,
Lluc Alvarez, Lluís Vilanova, Marc Gonzalez, Xavier Martorell, Nacho Navarro, Eduard Ayguade

2:00PM - 2:30PM

Room 355-D

Friday 16

Extreme-Scale Performance Tools Workshop

Judit Gimenez, "Detecting and analyzing application structure with clustering"

10:30 - 10.45 am

Room: 155-F