

El BSC participarà activament a l'ISC18

La conferència anual de supercomputació SC18 tindrà lloc aquest any a Dallas de l'11 al 16 de novembre. Igual que en anteriors edicions, el BSC tindrà un paper molt actiu al programa tècnic.



Visit us at Booth #2038

En aquest quadre, es llisten les activitats en què participaran els investigadors del centre:

Activitat	Data	Lloc
Workshop: Teaching HPC Systems and Parallel Programming with Small Scale Clusters of Embedded SoCs : Filippo Mantovani	11 November 2018, 10:30	D168
On the Applicability of PEBS based Online Memory Access Tracking for Heterogeneous Memory Management at Scale : Leonardo Bautista	11 November 2018, 15:30	D170
Mastering Tasking with OpenMP : Sergi Mateo & Xavier Teruel	12 November 2018, 8:30	C141
Introduction - 9th Workshop on Latest Advances in Scalable Algorithms for Large-Scale Systems : Vassil Alexandrov	12 November 2018, 9:00	D161

AutoParallel: A Python Module for Automatic Parallelization and Distributed Execution of Affine Loop Nests: Cristian Ramón Cortés	12 November 2018, 10:30	D220
The 9th International Workshop on Performance Modeling, Benchmarking, and Simulation of High-Performance Computer Systems (PMBS18): Marco D'Amico	12 November 2018, 15:00	D165
Approximating a Multi-Grid Solver: Leonardo Bautista	12 November 2017, 16:00	D165
On Advanced Monte Carlo Methods for Linear Algebra on Advanced Accelerator Architectures: Vassil Alexandrov	12 November 2018, 17:10	D161
Runtime-Assisted Cache Coherence Deactivation in Task Parallel Programs: Paul Caheny	14 November 2017, 11:00	C146
Big Data and Exascale Computing (BDEC2) Application Roundtable: Rosa Badia	14 November 2018: 17:15	D174
Consolidating the European Exascale Effort: Marcin Ostasz and Paul Carpenter	14 November 2018, 17:15	D166
Personalized Medicine and HPC: Mariano Vázquez	14 November 2018, 17:15	D220
Towards Ad Hoc Recovery For Soft Errors: Leonardo Bautista	16 November 2018, 8:40	D171

Visita el nostre booth ([2038](#)) i et presentarem les novetats de les nostres tecnologies i els nostres principals projectes de recerca.

Dimarts, 13 de novembre

- **11:40 – 12:00:** Demo on dataClay: an active object store (**Àlex Barceló**)
- **15:00 – 15:20:** Demo on advanced job scheduling simulations with the BSC SLURM simulator (**Marco D'Amico**)
- **16:40 – 17:00:** Demo on Use of PyCOMPSs in PyMDsetup (**Cristian Ramón-Cortés**)

Dimecres, 14 de novembre

- **14:00 – 14:20:** Demo on how to Use of PyCOMPSs in PyMDsetup (**Cristian Ramón-Cortés**)
- **15:20 – 15:40:** Talk on Introduction to the OmpSs-2 programming model (**Xavier Teruel**)

- **16:00 – 16:20:** Demo on dataClay: an active object store (**Àlex Barceló**)
- **16:20 – 16:40:** Talk on Make the most of OpenMP Tasking (**Sergi Mateo**)

Dijous, 15 de novembre

- **11:00 – 11:20:** Talk on Alya and HPC-based cardiac computational modelling (**Mariano Vázquez**)
- **11:20 – 11:40:** Demo on Use of PyCOMPSs in PyMDsetup (**Cristian Ramón-Cortés**)

Tota la informació a la web de l'[SC18](#).

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

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