

[BSC @ ISC'17, booth 1412](#)

BSC will be at ISC High Performance (Frankfurt, June 18th-22th) with demonstrations of PyCOMPs and Hecuba & Qbeast and with a talk on the new MareNostrum supercomputer by our Director Mateo Valero.



MareNostrum 4, BSC's new supercomputer, will be the star of the centre's booth at [ISC High Performance 2017](#). The supercomputer, which will be up and running from 1 July 2017, has a peak performance of 13.7 petaflops. There will also be demonstrations of the following key BSC tools:

- **PyCOMPs:** BSC's superscalar, task-based programming model that offers an interface based on Python sequential code, but that enables execution in parallel.
- **HECUBA & Qbeast:** a set of tools that allows efficient and intuitive interaction with non-relational databases. Hecuba allows using persistent data as regular objects in memory, while Qbeast offers support to multidimensional indexing and data-thinning.

The ISC exhibition, a three-day event that runs from Monday, 19 June to Wednesday, 21 June, will feature around 150 exhibits from leading HPC companies and research organizations.

We look forward to welcoming you to our booth (#1412), where we will be happy to answer any questions you might have.



Mateo Valero

Talk on the new MareNostrum s

Booth 1412

Tuesday

Demos

PyCOMPs

- Tuesday, 20 June: 15-15:30
- Wednesday, 21: 10:15-10:45
- Wednesday, 21: 17-17:30

Hecuba

- Tuesday, 20 June: 16:30-17
- Wednesday, 21: 11:30-12
- Wednesday, 21: 15:30-16

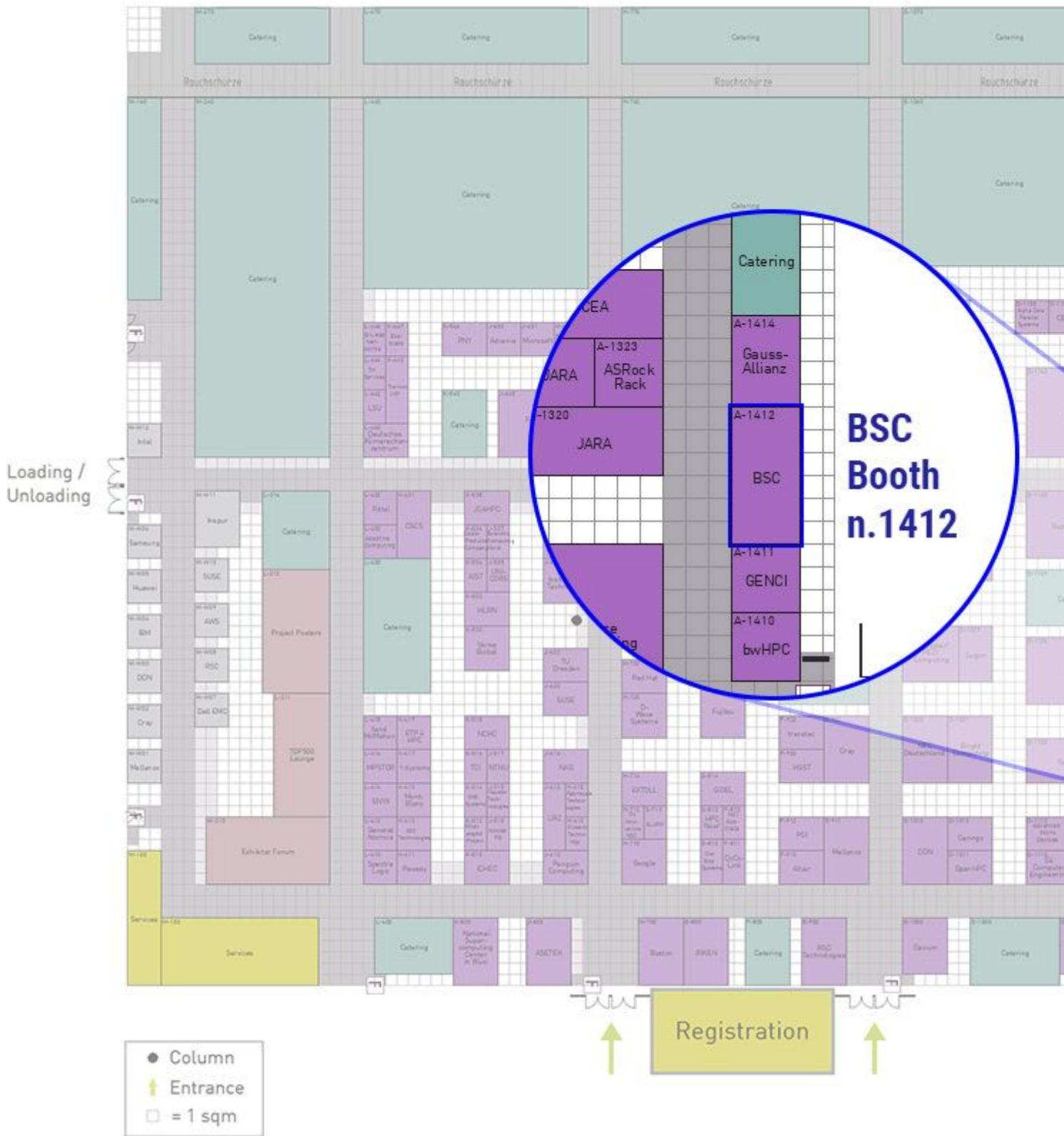
BSC researchers participate at the ISC Technical programme

Name	Session title	Date	Room
Rosa Badia	Exascale Concepts for Programming Models	Monday, 19 June: 16-17	Panorama 2
Xavier Teruel	(RP21) INTERTWinE: Resource Manager APIs	Tuesday, 20 June: 07:30-10:30	Substanz 1+2
Jesús Labarta	BoF 12: POP Improves HPC Applications	Tuesday, 20 June: 14:45-15:45	Substanz 1+2
Nia Alexandrov	PRACE Training Workshop	Thursday, 22 June: 14:00-18:00	Frankfurt Marriott Hotel

Other BSC-related booths

- Boot EXDCI: 1201
- Booth HiPEAC: 1430
- Booth ETP4HPC: 419

Floorplan



Barcelona Supercomputing Center - Centro Nacional de Supercomputación

Source URL (retrieved on 20 Mar 2025 - 09:54): <https://www.bsc.es/ca/news/bsc-news/bsc-isc17-booth-1412>