

## **BSC releases COMPSs version 2.0 at SC16**

This new major release includes new features such as the integration with new persistent storage solutions, integration with the OmpSs programming model including support for heterogeneous devices (GPUs) and a new scheduling infrastructure.

COMPSS

# COMPSS

## Programming Framework

### Programming Model

- Sequential programming model
- General purpose programming languages + annotations/hints
- Exploitation of implicit parallelism
  - Automatic on-the-fly creation of a task dependency graph
  - COMPSS workflows portable to HPC and Cloud without change

### Runtime

- Parallelization of task execution
- Hybrid executions (Private+Public)
- Elastic management of resources
- Interoperability through standards
- Automatic selection of VM templates depending



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