

Technical Reports



You can download all available technical research reports in PDF format sorted by area.

LIFE SCIENCES

- [A parallelization of a bioinformatic program: PHASE](#), Javier Vera, Computational Biology (BSC-INB).
- [Molecular Dynamics simulations on MareNostrum](#), Jordi Camps, Computational Biology (BSC-INB).

COMPUTER SCIENCES

- [A Flexible and Portable Programming Model for SMP and Multi-cores](#), Josep M. Perez / Rosa M. Badia / Jesus Labarta, Computer Sciences (BSC-UPC).
- [Fault Tolerance features in GRID superscalar](#), Raül Sirvent, Rosa M. Badia and Jesús Labarta, Computer Sciences (BSC-UPC).
- [Exposing Inner Kernels and Block Storage for fast Parallel Dense Linear Algebra Codes](#), José R. Herrero, Computer Sciences (BSC-UPC).
- [Accelerating the parallel distributed execution of Java HPC applications](#), Enric Tejedor (BSC-UPC), Rosa M. Badia (BSC), Pere Albert (IBM).
- [Leveraging High-Performance In-Memory Key-Value Data Stores to Accelerate Data Intensive Tasks](#), Nesrine Khouzami, Jordà Polo and David Carrera, Computer Sciences (BSC).

COMPUTER APPLICATIONS

- [ELMFIRE. Installation guide and performance analysis](#), Miquel Català and Alejandro Soba, Computer Applications (BSC)
- [GENE. Installation guide and performance analysis](#), Xavier Sáez and Alejandro Soba, Computer Applications (BSC)
- [ELSA. Performance Analysis](#), Xavier Sáez and José María Cela, Computer Applications (BSC)
- [CENTORI - Installation, Performance, and Enhancements](#), Georg Huhs (BSC)

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

Source URL (retrieved on 13 jul 2024 - 17:59): <https://www.bsc.es/ca/research-and-development/publications/technical-reports>