

[Improving the Integration of Task Nesting and Dependencies in OpenMP](#)

URL: <http://ieeexplore.ieee.org/document/7967171/>

Authors: [Pérez, Josep](#) / [Beltran, Vicenç](#) / [Labarta, Jesús](#) / [Aygua de, Eduard](#)

Research Lines: [OpenMP Extensions](#) / [The OmpSs Programming Model](#) / [Towards complex and intelligent workflow programming for Distributed Computing](#)

Publication: 2017 IEEE International Parallel and Distributed Processing Symposium (IPDPS)

Place Published: IEEE Xplore

Pagination: 809-818

Paraules clau: [computer languages](#), [OpenMP](#), [Runtime library](#), [single dependency domain](#), [task decomposition](#), [task dependencies](#), [task nesting](#), [taskwait](#), [top-down programming](#), [weak dependencies](#), [weakwait](#)

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

Source URL (retrieved on 21 set 2023 - 21:14): <https://www.bsc.es/ca/research-and-development/publications/improving-the-integration-task-nesting-and-dependencies-openmp>