

Effective Quality-of-Service Policy for Capacity High-Performance Computing Systems

Authors: [Jokanovic, Ana](#) / [Sancho, Jose Carlos](#) / [Labarta, Jesús](#) / [Rodriguez,](#) / [Minkenberg,](#)

Publication: High Performance Computing and Communication 2012 IEEE 9th International Conference on Embedded Software and Systems (HPCC-ICESS), 2012 IEEE 14th International Conference on

Pagination: 598-607

Paraules clau: [Bandwidth](#), [bandwidth distribution](#), [bandwidth-sensitive applications](#), [capacity high-performance computing systems](#), [Channel allocation](#), [contention-sensitive applications](#), [HPC clusters](#), [InfiniBand interconnect](#), [InfiniBand network](#), [Inter-application contention](#), [interapplication contention](#), [Internet](#), [latency-sensitive applications](#), [Measurement](#), [multiprocessor interconnection networks](#), [Network contention](#), [network resources](#), [network utilization metric](#), [parallel processing](#), [pattern classification](#), [pattern clustering](#), [QoS mechanisms](#), [quality of service](#), [Quality-of-Service](#), [quality-of-service mechanisms](#), [quality-of-service policy](#), [slimmed fat-tree networks](#), [system performance](#), [Throughput](#), [virtual lanes](#)

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

Source URL (retrieved on 25 set 2024 - 23:56): <https://www.bsc.es/ca/research-and-development/publications/effective-quality-service-policy-capacity-high-performance-0>