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Nota di contenuto	Support tools environments -- Performance prediction and evaluation -- Scheduling and load balancing -- High-performance architectures and compilers -- Parallel and distributed data management -- Grid, cluster and cloud computing -- Green high performance computing -- Distributed systems and algorithms -- Parallel and distributed programming -- Parallel numerical algorithms -- Multicore and manycore programming -- Theory and algorithms for parallel computation -- High performance networks and communication -- High performance and scientific applications -- GPU and accelerator computing.
Sommario/riassunto	This book constitutes the refereed proceedings of the 20th International Conference on Parallel and Distributed Computing, Euro-Par 2014, held in Porto, Portugal, in August 2014. The 68 revised full

papers presented were carefully reviewed and selected from 267 submissions. The papers are organized in 15 topical sections: support tools environments; performance prediction and evaluation; scheduling and load balancing; high-performance architectures and compilers; parallel and distributed data management; grid, cluster and cloud computing; green high performance computing; distributed systems and algorithms; parallel and distributed programming; parallel numerical algorithms; multicore and manycore programming; theory and algorithms for parallel computation; high performance networks and communication; high performance and scientific applications; and GPU and accelerator computing.
