

1. Record Nr.	UNINA9910485145603321
Titolo	Euro-Par 2014: Parallel Processing Workshops : Euro-Par 2014 International Workshops, Porto, Portugal, August 25-26, 2014, Revised Selected Papers, Part II // edited by Luís Lopes, Julius Žilinskas, Alexandru Costan, Roberto G. Cascella, Gabor Kecskemeti, Emmanuel Jeannot, Mario Cannataro, Laura Ricci, Siegfried Benkner, Salvador Petit, Vittorio Scarano, José Gracia, Sascha Hunold, Stephen L Scott, Stefan Lankes, Christian Lengauer, Jesus Carretero, Jens Breitbart, Michael Alexander
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-14313-1
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (LII, 618 p. 251 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 8806
Disciplina	004.24
Soggetti	Electronic digital computers—Evaluation Software engineering Computer networks Database management Algorithms Application software System Performance and Evaluation Software Engineering Computer Communication Networks Database Management Computer and Information Systems Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Dependability and Interoperability in Heterogeneous Clouds -- Federative and Interoperable Cloud Infrastructures -- Multi-/Many-Core Computing Systems -- On-chip Memory Hierarchies and Interconnects -- Productivity and Performance Tools for HPC Application Development -- Runtime and Operating Systems for the Many-Core Era -- Techniques and Applications for Sustainable

Ultrascale Computing Systems -- Unconventional High-Performance Computing -- Virtualization in High-Performance Cloud Computing -- Software for Exascale Computing.

Sommario/riassunto

The two volumes LNCS 8805 and 8806 constitute the thoroughly refereed post-conference proceedings of 18 workshops held at the 20th International Conference on Parallel Computing, Euro-Par 2014, in Porto, Portugal, in August 2014. The 100 revised full papers presented were carefully reviewed and selected from 173 submissions. The volumes include papers from the following workshops: APCI&E (First Workshop on Applications of Parallel Computation in Industry and Engineering - BigDataCloud (Third Workshop on Big Data Management in Clouds) - DIHC (Second Workshop on Dependability and Interoperability in Heterogeneous Clouds) - FedICI (Second Workshop on Federative and Interoperable Cloud Infrastructures) - Hetero Par (12th International Workshop on Algorithms, Models and Tools for Parallel Computing on Heterogeneous Platforms) - HiBB (5th Workshop on High Performance Bioinformatics and Biomedicine) - LSDVE (Second Workshop on Large Scale Distributed Virtual Environments on Clouds and P2P) - MuCoCoS (7th International Workshop on Multi-/Many-core Computing Systems) - OMHI (Third Workshop on On-chip Memory Hierarchies and Interconnects) - PADAPS (Second Workshop on Parallel and Distributed Agent-Based Simulations) - PROPER (7th Workshop on Productivity and Performance) - Resilience (7th Workshop on Resiliency in High Performance Computing with Clusters, Clouds, and Grids) - REPPAR (First International Workshop on Reproducibility in Parallel Computing) - ROME (Second Workshop on Runtime and Operating Systems for the Many Core Era) - SPPEXA (Workshop on Software for Exascale Computing) - TASUS (First Workshop on Techniques and Applications for Sustainable Ultrascale Computing Systems) - UCHPC (7th Workshop on Un Conventional High Performance Computing) and VHPC (9th Workshop on Virtualization in High-Performance Cloud Computing).