

1. Record Nr.	UNINA9910483604503321
Titolo	Euro-Par 2013: Parallel Processing Workshops : BigDataCloud, DIHC, FedICI, HeteroPar, HiBB, LSDVE, MHPC, OMHI, PADABS, PROPER, Resilience, ROME, UCHPC 2013, Aachen, Germany, August 26-30, 2013. Revised Selected Papers // edited by Dieter an Mey, Michael Alexander, Bientinesi Paolo, Mario Cannataro, Carsten Clauss, Alexandru Costan, Gabor Kecskemeti, Christine Morin, Laura Ricci, Julio Sahuquillo, Martin Schulz, Vittorio Scarano, Scott Ostercamp, Josef Weidendorfer
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-642-54420-7
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XXXII, 898 p. 337 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 8374
Disciplina	004.24
Soggetti	Electronic digital computers - Evaluation Software engineering Computer engineering Computer networks Database management Algorithms Computer science System Performance and Evaluation Software Engineering Computer Engineering and Networks Database Management Computer Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Algorithmic Development -- Global Optimization problems in Computer Vision -- Modelling -- Mathematical Analysis -- Numerical Solvers -- Parallelization.
Sommario/riassunto	This book constitutes thoroughly refereed post-conference

proceedings of the workshops of the 19th International Conference on Parallel Computing, Euro-Par 2013, held in Aachen, Germany in August 2013. The 99 papers presented were carefully reviewed and selected from 145 submissions. The papers include seven workshops that have been co-located with Euro-Par in the previous years: - BigDataCloud (Second Workshop on Big Data Management in Clouds) - HeteroPar (11th Workshop on Algorithms, Models and Tools for Parallel Computing on Heterogeneous Platforms) -HiBB (Fourth Workshop on High Performance Bioinformatics and Biomedicine) -OMHI (Second Workshop on On-chip Memory Hierarchies and Interconnects) -PROPER (Sixth Workshop on Productivity and Performance) -Resilience (Sixth Workshop on Resiliency in High Performance Computing with Clusters, Clouds, and Grids) -UCHPC (Sixth Workshop on UnConventional High Performance Computing) as well as six newcomers: -DIHC (First Workshop on Dependability and Interoperability in Heterogeneous Clouds) -FedICI (First Workshop on Federative and Interoperable Cloud Infrastructures) -LSDVE (First Workshop on Large Scale Distributed Virtual Environments on Clouds and P2P) -MHPC (Workshop on Middleware for HPC and Big Data Systems) -PADABS (First Workshop on Parallel and Distributed Agent Based Simulations) -ROME (First Workshop on Runtime and Operating Systems for the Manycore Era) All these workshops focus on promotion and advancement of all aspects of parallel and distributed computing.
