1.	Record Nr.	UNISA996465641003316
	Titolo	Euro-Par 2009 - Parallel Processing [[electronic resource]] : 15th International Euro-Par Conference, Delft, The Netherlands, August 25-28, 2009, Proceedings / / edited by Henk Sips, Dick Epema, Hai-Xiang Lin
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
	ISBN	3-642-03869-7
	Edizione	[1st ed. 2009.]
	Descrizione fisica	1 online resource (XXVII, 1120 p.)
	Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5704
	Classificazione	DAT 216f DAT 516f SS 4800
	Disciplina	004.3522gerDNB
	Soggetti	Computer systems Computer engineering Computer networks Electronic digital computers—Evaluation Microprocessors Computer architecture Operating systems (Computers) Computer System Implementation Computer Engineering and Networks System Performance and Evaluation Processor Architectures Computer Communication Networks Operating Systems
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	International conference proceedings.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Abstracts Invited Talks -- Topic 1: Support Tools and Environments -- Topic 2: Performance Prediction and Evaluation -- Topic 3: Scheduling and Load Balancing -- Topic 4: High Performance Architectures and Compilers -- Topic 5: Parallel and Distributed Databases -- Topic 6: Grid, Cluster, and Cloud Computing -- Topic 7: Peer-to-Peer

Computing -- Topic 8: Distributed Systems and Algorithms -- Topic 9: Parallel and Distributed Programming -- Topic 10: Parallel Numerical Algorithms -- Topic 11: Multicore and Manycore Programming -- Topic 12: Theory and Algorithms for Parallel Computation -- Topic 13: High-Performance Networks -- Topic 14: Mobile and Ubiquitous Computing.

Sommario/riassunto	This book constitutes the refereed proceedings of the 15th International Conference on Parallel Computing, Euro-Par 2009, held in Delft, The Netherlands, in August 2009. The 85 revised papers presented were carefully reviewed and selected from 256 submissions. The papers are organized in topical sections on support tools and environments; performance prediction and evaluation; scheduling and load balancing; high performance architectures and compilers; parallel and distributed databases; grid, cluster, and cloud computing; peer-to-peer 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 mobile and ubiquitous computing.