

1.	Record Nr.	UNISA996210823503316
	Titolo	Statistics and science : a festschrift for Terry Speed
	Pubbl/distr/stampa	[Place of publication not identified], : Institute of Mathematical Statistics, 2003
	Collana	Lecture notes-monograph series Statistics and science
	Disciplina	507/.2
	Soggetti	Science - Statistical methods Physical Sciences & Mathematics Sciences - General
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
2.	Record Nr.	UNINA9910349262203321
	Titolo	OpenSHMEM and Related Technologies. Big Compute and Big Data Convergence : 4th Workshop, OpenSHMEM 2017, Annapolis, MD, USA, August 7-9, 2017, Revised Selected Papers // edited by Manjunath Gorentla Venkata, Neena Imam, Swaroop Pophale
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
	ISBN	9783319738147 3319738143
	Edizione	[1st ed. 2018.]
	Descrizione fisica	1 online resource (X, 181 p. 97 illus.)
	Collana	Programming and Software Engineering, , 2945-9168 ; ; 10679
	Disciplina	005.275
	Soggetti	Software engineering Computer programming Computer hardware description languages Logic design Microprocessors Computer architecture Computers, Special purpose Software Engineering Programming Techniques Register-Transfer-Level Implementation

Logic Design
Processor Architectures
Special Purpose and Application-Based Systems

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Symmetric Memory Partitions in OpenSHMEM: A Case Study with Intel KNL -- Implementation and Evaluation of OpenSHMEM Contexts Using OFI Libfabric -- Merged Requests for Better Performance and Productivity in Multithreaded OpenSHMEM -- Evaluating Contexts in OpenSHMEM-X Reference Implementation -- Parallelizing Single Source Shortest Path with OpenSHMEM -- Efficient Breadth First Search on Multi-GPU Systems Using GPU-centric OpenSHMEM -- Application-Level Optimization of On-Node Communication in OpenSHMEM. - SHMEMCache with MPI One-Sided Operation -- Balancing Performance and Portability with Containers in HPC: An OpenSHMEM Example.- Exploiting and Evaluating OpenSHMEM on KNL Architecture -- Performance Analysis of OpenSHMEM Applications with TAU Commander.
Sommario/riassunto	This book constitutes the proceedings of the 4th OpenSHMEM Workshop, held in Annapolis, MD, USA, in August 2017. The 11 full papers presented in this book were carefully reviewed and selected from 14 submissions. The papers discuss a variety of ideas for extending the OpenSHMEM specification and making it efficient for current and next generation systems. This includes new research for communication contexts in OpenSHMEM, different optimizations for OpenSHMEM on shared memory machines, exploring the implementation of OpenSHMEM and its memory model on Intel's KNL architecture, and implementing new applications and benchmarks with OpenSHMEM. .