1. Record Nr. UNINA9910164660003321

Titolo	Cement, concrete and aggregates [[electronic resource] /] / ASTM
Pubbl/distr/stampa	Philadelphia, Pa., : American Society for Testing and Materials, [c1979]-
ISSN	1945-7561
Disciplina	620.1
Soggetti	Cement Concrete Aggregates (Building materials)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Title from home page.

2. Record Nr. UNINA9910337567503321

Titolo	OpenSHMEM and Related Technologies. OpenSHMEM in the Era of Extreme Heterogeneity : 5th Workshop, OpenSHMEM 2018, Baltimore, MD, USA, August 21–23, 2018, Revised Selected Papers / / edited by Swaroop Pophale, Neena Imam, Ferrol Aderholdt, Manjunath Gorentla Venkata
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
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Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (X, 217 p. 105 illus., 94 illus. in color.)
Collana	Programming and Software Engineering, , 2945-9168 ; ; 11283
Disciplina	005.3 005.1
Soggetti	Software engineering Logic design Microprocessors Computer architecture Computer systems Operating systems (Computers) Software Engineering Logic Design Processor Architectures Computer System Implementation

	Operating Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	OpenSHMEM Library Extensions and Implementations -- OpenSHMEM Sets and Groups: An Approach to Worksharing and Memory Management -- Design and Optimization of OpenSHMEM 1.4 for the Intel® Omni-Path Fabric 100 Series -- Introducing Cray OpenSHMEMX - A Modular Multi-Communication Layer OpenSHMEM Implementation -- An Initial Implementation of Libfabric Conduit for OpenSHMEM-X -- The OpenFAM API: A Programming Model for Disaggregated Persistent Memory -- SHCOLL - A Standalone Implementation of OpenSHMEM-style Collectives API -- OpenSHMEM Use and Applications -- HOOVER: Distributed, Flexible, and Scalable Streaming Graph Processing on OpenSHMEM -- Tumbling Down the GraphBLAS Rabbit Hole with SHMEM -- Scaling OpenSHMEM for Massively Parallel Processor Arrays -- Designing High-Performance In-Memory Key-Value Operations with Persistent GPU Kernels and OpenSHMEM -- OpenSHMEM Simulators, Tools, and Benchmarks -- Towards Lightweight and Scalable Simulation of Large-Scale OpenSHMEM Applications -- Tracking Memory Usage in OpenSHMEM Runtimes with the TAU Performance System -- Lightweight Instrumentation and Analysis using OpenSHMEM Performance Counters -- Oak Ridge OpenSHMEM Benchmark Suite.
Sommario/riassunto	This book constitutes the proceedings of the 5th OpenSHMEM Workshop, held in Baltimore, MD, USA, in August 2018. The 14 full papers presented in this book were carefully reviewed and selected for inclusion in this volume. The papers discuss a variety of ideas for extending the OpenSHMEM specification and discuss a variety of concepts, including interesting use of OpenSHMEM in HOOVER – a distributed, flexible, and scalable streaming graph processor and scaling OpenSHMEM to handle massively parallel processor arrays. The papers are organized in the following topical sections: OpenSHMEM library extensions and implementations; OpenSHMEM use and applications; and OpenSHMEM simulators, tools, and benchmarks.