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Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 12614
Disciplina	658.4013 004
Soggetti	Application software Computer systems Computer networks Computers, Special purpose Computer and Information Systems Applications Computer System Implementation Computer Communication Networks Special Purpose and Application-Based Systems Programari d'aplicació Sistemes informàtics Xarxes d'ordinadors Sistemes d'informació Llibres electrònics
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Best Paper Session -- Characterizing the Sharing Behavior of Applications using Software Transactional Memory -- swRodinia: A Benchmark Suite for Exploiting Architecture Properties of Sunway Processor -- Data Management and Storage -- Impact of Commodity Networks on Storage Disaggregation with NVMe-oF -- K2RDF: A Distributed RDF Data Management System on Kudu and Impala --

Artemis: An Automatic Test Suite Generator for Large Scale OLAP Database -- OStoreBench: Benchmarking Distributed Object Storage Systems Using Real-world Application Scenarios -- ConfAdvisor: An Automatic Configuration Tuning Framework for NoSQL Database Services with a Black-box Approach -- Supercomputing -- Optimization of the Himeno Benchmark for SX-Aurora TSUBASA -- Benchmarking on GPU -- Parallel sorted sparse approximate inverse preconditioning algorithm on GPU -- ComScribe: Identifying Intra-node GPU communication -- Application and Dataset -- A Benchmark of Ocular Disease Intelligent Recognition: One Shot for Multi-disease Detection -- MAS3K: An Open Dataset for Marine Animal Segmentation -- Benchmarking Blockchain Interactions in Mobile Edge Cloud Software Systems.

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the Third International Symposium on Benchmarking, Measuring, and Optimization, Bench 2020, held virtually in November 2020. The 12 revised full papers and 1 revised short paper presented were carefully reviewed and selected from 28 submissions. The papers are organized in topical sections named: best paper session; data management and storage; supercomputing; benchmarking on GPU; and application and dataset.
