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	Soggetti	Computer communication systems Application software Computer system failures Software engineering Computer Communication Networks Information Systems Applications (incl. Internet) System Performance and Evaluation Software Engineering/Programming and Operating Systems
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	Nota di contenuto	Enhanced Energy Efficiency with the Actor Model on Heterogeneous Architectures -- Evaluating the Cost and Robustness of Self-organizing Distributed Hash Tables -- Mignon: A Fast Decentralized Content Consumption Estimation in Large-Scale Distributed Systems -- Privacy-preserving Data Allocation in Decentralized Online Social Networks -- An RDMA Middleware for Asynchronous Multi-Stage Shuffling in Analytical Processing -- Holistic Shuffler for the Parallel Processing of SQL Window Functions -- Providing CUDA Acceleration to KVM Virtual Machines in InfiniBand Clusters with rCUDA -- Benchmarking Wireless Protocols for Feasibility in Supporting Crowd sourced Mobile Computing -- BFT-Dep: Automatic Deployment of Byzantine Fault-

Tolerant Services in PaaS Cloud -- BFT-Bench: Towards a Practical Evaluation of Robustness and Effectiveness of BFT Protocols -- Self-Balancing Job Parallelism and Throughput in Hadoop -- Resource Usage Prediction in Distributed Key-value Datastores -- A Performance Evaluation of Erasure Coding Libraries for Cloud-Based Data Stores -- Dynamic Load Balancing Techniques for Distributed Complex Event Processing Systems -- PAN - Distributed Real-Time Complex Event Detection in Multiple Data Streams -- Bringing Complex Event Processing into Multitree Modelling of Sensors. .

Sommario/riassunto	This book constitutes the proceedings of the 16th IFIP International Conference on Distributed Applications and Interoperable Systems, DAIS 2016, held in Heraklion, Crete, Greece, in June 2016. The 13 papers presented together with 3 short papers in this volume were carefully reviewed and selected from 34 submissions. They represent a compelling sample of the state-of-the-art in the area of distributed applications and interoperable systems. Cloud computing and services received a large emphasis this year. .