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Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14283
Disciplina	004.35
Soggetti	Software engineering Artificial intelligence Coding theory Information theory Microprogramming Computer input-output equipment Logic design Software Engineering Artificial Intelligence Coding and Information Theory Control Structures and Microprogramming Input/Output and Data Communications Logic Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Architecture of the Slurm Workload Manager -- Asynchronous Execution of Heterogeneous Tasks in ML-driven HPC Workflows -- Memory-Aware Latency Prediction Model for Concurrent Kernels in Partitionable GPUs: Simulations and Experiments -- Stragglers in Distributed Matrix Multiplication -- Optimization Metrics for the Evaluation of Batch Schedulers in HPC -- An experimental analysis of regression-obtained HPC scheduling heuristics -- An efficient approach based on graph neural networks for predicting wait time in job schedulers -- Evaluating the Potential of Coscheduling on High-

Performance Computing Systems -- Scaling Optimal Allocation of
Cloud Resources Using Lagrange Relaxation.

Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the 26th International Workshop on Job Scheduling Strategies for Parallel Processing, JSSPP 2023, held in St. Petersburg, FL, USA, during May 19, 2023. The 8 full papers and one keynote paper included in this book were carefully reviewed and selected from 14 submissions. The volume contains two sections: keynote and technical papers.
