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Descrizione fisica	1 online resource (IX, 163 p. 77 illus., 45 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 12326
Disciplina	004.35
Soggetti	Software engineering Computer engineering Computer networks Microprogramming Computer input-output equipment Artificial intelligence Software Engineering Computer Engineering and Networks Control Structures and Microprogramming Input/Output and Data Communications Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Towards Interference-aware Dynamic Scheduling in Virtualized Environments -- Towards Hybrid Isolation for Shared Multicore Systems -- Improving Resource Isolation of Critical Tasks in a Workload -- Optimizing Biomedical Ultrasound Workflow Scheduling Using Cluster Simulations -- Evaluating Controlled Memory Request Injection to Counter PREM Memory Underutilization -- Accelerating 3-way Epistasis Detection with CPU+GPU processing -- Walltime Prediction and its Impact on Job Scheduling Performance and Predictability -- PDAWL: Profile-based Iterative Dynamic Adaptive WorkLoad Balance on

## Heterogeneous Architectures.

### Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the 23rd International Workshop on Job Scheduling Strategies for Parallel Processing, JSSPP 2020, held in New Orleans, LA, USA, in May 2020.\* The 6 revised full papers presented were carefully reviewed and selected from 8 submissions. In addition to this, one invited paper and one keynote were included in the workshop. The papers cover topics within the fields of resource management and scheduling. They focus on several interesting problems such as resource contention and workload interference, new scheduling policy, scheduling ultrasound simulation workflows, and walltime prediction. \* The conference was held virtually due to the COVID-19 pandemic.