

1. Record Nr.	UNISA996508671703316
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Titolo	Job scheduling strategies for parallel processing : 25th International Workshop, JSSPP 2022, virtual event, June 3, 2022, revised selected papers // Dalibor Klusacek, Corbalan Julita, and Gonzalo P. Rodrigo
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2023] ©2023
ISBN	3-031-22698-4
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (267 pages)
Collana	Lecture Notes in Computer Science
Disciplina	004.24
Soggetti	Computer capacity - Management Parallel processing (Electronic computers)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Insights and Requirements for Future Workflow Scheduling -- Technical papers -- On the Feasibility of Simulation-driven Portfolio Scheduling for Cyberinfrastructure Runtime Systems -- AI-Job Scheduling on Systems with Renewable Power Sources -- Toward Building a Digital Twin of Job Scheduling and Power Management on an HPC System -- Encoding for Reinforcement Learning Driven Scheduling -- RADICAL-Pilot and PMix/PRRTE: Executing heterogeneous workloads at large scale on partitioned HPC resources -- RARE: Renewable Energy Aware Resource Management in Datacenters -- Dynamic Management of CPU Resources Towards Energy Efficient and Profitable Datacentre Operation -- Optimization of Execution Parameters of Moldable Ultrasound Workflows under Incomplete Performance Data -- Scheduling of Elastic Message Passing Applications on HPC Systems -- Improving Accuracy of Walltime Estimates in PBS Professional using Soft Walltimes -- Re-making the Movie-making Machine -- Open Scheduling Problems -- Using Kubernetes in Academic Environment: Problems and Approaches.
Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 25th International Workshop on Job Scheduling Strategies for Parallel Processing, JSSPP 2022, held as a virtual event in June 2022 (due to the Covid-19 pandemic). The 12 revised full papers presented were carefully reviewed and selected from 19 submissions.

In addition to this,1 keynote paper was included in the workshop. The volume contains two sections: Technical papers and Open Scheduling Problems.
