

1. Record Nr.	UNINA9910483547403321
Titolo	Job Scheduling Strategies for Parallel Processing : 18th International Workshop, JSSPP 2014, Phoenix, AZ, USA, May 23, 2014. Revised Selected Papers // edited by Walfredo Cirne, Narayan Desai
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-15789-2
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (X, 169 p. 60 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 8828
Disciplina	004.35
Soggetti	Software engineering Computer networks Algorithms Application software Computer simulation Software Engineering Computer Communication Networks Computer and Information Systems Applications Computer Modelling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Bubble Task: A Dynamic Execution Throttling Method for Multi-core Resource Management -- Real-World Clustering for Task Graphs on Shared Memory Systems -- Experimental Analysis of the Tardiness of Parallel Tasks in Soft Real-time Systems -- Multi-Resource Aware Fairsharing for Heterogeneous Systems -- Priority Operators for Fairshare Scheduling -- User-Aware Metrics for Measuring Quality of Parallel Job Schedules -- Prediction of Queue Waiting Times for Metascheduling on Parallel Batch Systems -- Dynamically Scheduling a Component-Based Framework in Clusters -- How to Design a Job Scheduling Algorithm.
Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 18th International Workshop on Job Scheduling Strategies for Parallel Processing, JSSPP 2014, held in Phoenix, AZ, USA,

in May 2014. The 9 revised full papers presented were carefully reviewed and selected from 24 submissions. The papers cover the following topics: single-core parallelism; moving to distributed-memory, larger-scale systems, scheduling fairness; and parallel job scheduling.

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