1. Record Nr. UNINA9910767574903321

Titolo	Job Scheduling Strategies for Parallel Processing : 7th International Workshop, JSSPP 2001, Cambridge, MA, USA, June 16, 2001, Revised Papers / / edited by Dror G. Feitelson, Larry Rudolph
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2001
ISBN	3-540-45540-X
Edizione	[1st ed. 2001.]
Descrizione fisica	1 online resource (VIII, 216 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2221
Disciplina	004.2/4
Soggetti	Operating systems (Computers) Computer programming Computer architecture Algorithms Microprocessors Computers Operating Systems Programming Techniques Computer System Implementation Algorithm Analysis and Problem Complexity Processor Architectures Computation by Abstract Devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Performance Evaluation with Heavy Tailed Distributions -- SRPT Scheduling for Web Servers -- An Efficient and Scalable Coscheduling Technique for Large Symmetric Multiprocessor Clusters -- Coscheduling under Memory Constraints in a NOW Environment -- The Influence of Communication on the Performance of Co-allocation -- Core Algorithms of the Maui Scheduler -- On the Development of an Efficient Coscheduling System -- Effects of Memory Performance on Parallel Job Scheduling -- An Integrated Approach to Parallel Scheduling Using Gang-Scheduling, Backfilling, and Migration --

	Characteristics of a Large Shared Memory Production Workload -- Metrics for Parallel Job Scheduling and Their Convergence.
Sommario/riassunto	This book constitutes the thoroughly refereed post-proceedings of the 7th International Workshop on Job Scheduling Strategies for Parallel Processing, JSSPP 2001, held in Cambridge, MA, USA, in June 2001. The 11 revised full papers presented were carefully selected and improved during two rounds of reviewing and revision, and present state-of-the-art results in the area.