Record Nr. UNISA996465934203316 Job Scheduling Strategies for Parallel Processing [[electronic resource]] **Titolo** : 7th International Workshop, JSSPP 2001, Cambridge, MA, USA, June 16, 2001, Revised Papers / / edited by Dror G. Feitelson, Larry Rudolph Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, Pubbl/distr/stampa . 2001 **ISBN** 3-540-45540-X Edizione [1st ed. 2001.] 1 online resource (VIII, 216 p.) Descrizione fisica Lecture Notes in Computer Science, , 0302-9743 ; ; 2221 Collana 004.2/4 Disciplina Soggetti Operating systems (Computers) Computer programming Architecture, Computer 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 --

Sommario/riassunto

Characteristics of a Large Shared Memory Production Workload -- Metrics for Parallel Job Scheduling and Their Convergence.

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.