1. **Record Nr.**  UNISA996465476403316

**Titolo**  Job Scheduling Strategies for Parallel Processing [[electronic resource] ] : 8th International Workshop, JSSPP 2002, Edinburgh, Scotland, UK, July 24, 2002, Revised Papers / / edited by Dror G. Feitelson, Larry Rudolph, Uwe Schwiegelshohn

**Pubbl/distr/stampa**  Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2002

**ISBN**  3-540-36180-4

**Edizione**  [1st ed. 2002.]

**Descrizione fisica**  1 online resource (VIII, 244 p.)

**Collana**  Lecture Notes in Computer Science, , 0302-9743 ; ; 2537

**Disciplina**  004/.35

**Soggetti**  Architecture, Computer
Operating systems (Computers)
Arithmetic and logic units, Computer
Computer software—Reusability
Microprocessors
Computer programming
Computer System Implementation
Operating Systems
Arithmetic and Logic Structures
Performance and Reliability
Processor Architectures
Programming Techniques

**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**  A Self-Tuning Job Scheduler Family with Dynamic Policy Switching -- Preemption Based Backfill -- Job Scheduling for the BlueGene/L System -- Selective Reservation Strategies for Backfill Job Scheduling -- Multiple-Queue Backfilling Scheduling with Priorities and Reservations for Parallel Systems -- Scheduling Jobs on Parallel Systems Using a Relaxed Backfill Strategy -- The Impact of More Accurate Requested Runtimes on Production Job Scheduling Performance -- Economic Scheduling in Grid Computing -- SNAP: A Protocol for Negotiating

Service Level Agreements and Coordinating Resource Management in Distributed Systems -- Local versus Global Schedulers with Processor Co-allocation in Multicluster Systems -- Practical Heterogeneous Placeholder Scheduling in Overlay Metacomputers: Early Experiences -- Current Activities in the Scheduling and Resource Management Area of the Global Grid Forum.