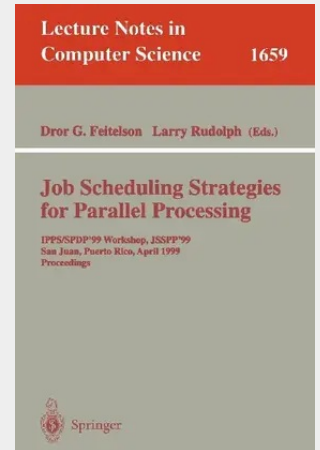


Job Scheduling Strategies for Parallel Processing

IPPS/SPDP'99 Workshop, JSSPP'99, San Juan, Puerto Rico, April 16, 1999, Proceedings

scheduling, and another on scheduling for meta-systems. A third session continued the trend from previous workshops of discussing evaluation methodology and workloads. An innovation this year was a panel discussion on the possible standardization of a workload benchmark that will serve for the evaluation of different schedulers.

Scheduling for Parallel Supercomputing: A Historical Perspective of Achievable Utilization.- On the Design and Evaluation of Job Scheduling Algorithms.- Comparing Logs and Models of Parallel Workloads Using the Co-plot Method.- Benchmarks and Standards for the Evaluation of Parallel Job Schedulers.- The Effect of Correlating Quantum Allocation and Job Size for Gang Scheduling.- Scheduling on AP/Linux for Fine and Coarse Grain Parallel Processes.- Job Re-packing for Enhancing the Performance of Gang Scheduling.- Process Tracking for Parallel Job Control.- The Legion Resource Management System.- Scheduling a Metacomputer with Uncooperative Sub-schedulers.- Using Run-Time Predictions to Estimate Queue Wait Times and Improve Scheduler Performance.- Deterministic Batch Scheduling without Static Partitioning.



53,49 €

49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540666769

Medium: Buch

ISBN: 978-3-540-66676-9

Verlag: Springer

Erscheinungstermin: 13.10.1999

Sprache(n): Englisch

Auflage: Erscheinungsjahr 1999

Serie: Lecture Notes in Computer Science

Produktform: Kartoniert

Gewicht: 388 g

Seiten: 244

Format (B x H): 155 x 235 mm

