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Nota di contenuto	Metrics and benchmarking for parallel job scheduling -- A comparative study of real workload traces and synthetic workload models for parallel job scheduling -- Lachesis: A job scheduler for the cray T3E -- A resource management architecture for metacomputing systems -- Implementing the combination of time sharing and space sharing on AP/Linux -- Job scheduling scheme for pure space sharing among rigid jobs -- Predicting application run times using historical information -- Job scheduling strategies for networks of workstations -- Probabilistic loop scheduling considering communication overhead -- Improving first-come-first-serve job scheduling by gang scheduling -- Expanding symmetric multiprocessor capability through gang scheduling --

	Overhead analysis of preemptive gang scheduling -- Dynamic coscheduling on workstation clusters.
Sommario/riassunto	This book constitutes the thoroughly refereed post-workshop proceedings of the 4th International Workshop on Job Scheduling Strategies for Parallel Processing held during IPPS/SPDP'98, in Orlando, Florida, USA, in March 1998. The 13 revised full papers presented have gone through an iterated reviewing process and give a report on the state of the art in the area.