1. Record Nr. UNINA9910707438603321

Autore	Stallings Robert L.
Titolo	Wind-tunnel measurements and comparison with flight of the boundary layer and heat transfer on a hollow cylinder at Mach 3 / / Robert L. Stallings, Jr., and Milton Lamb
Pubbl/distr/stampa	[Washington, D.C.] : , : National Aeronautics and Space Administration, Scientific and Technical Information Branch, , December 1980
Descrizione fisica	1 online resource (45 pages) : illustrations
Collana	NASA technical paper ; ; 1789
Soggetti	Boundary layer flow Boundary layer stability Heat transfer Reynolds number Wind tunnel tests Aerothermodynamics Boundary layer Supersonic wind tunnels
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Aug. 23, 2016). "December 1980." "Performing Organization: NASA Langley Research Center"--Report documentation page.
Nota di bibliografia	Includes bibliographical references (pages 17-18).

2. Record Nr. UNINA9910484126003321

Titolo	Job Scheduling Strategies for Parallel Processing : 10th International Workshop, JSSPP 2004, New York, NY, USA, June 13, 2004, Revised Selected Papers / / edited by Dror Feitelson, Larry Rudolph, Uwe Schwiegelshohn
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
ISBN	3-540-31795-3 3-540-25330-0
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (VIII, 320 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 3277
Altri autori (Persone)	FeitelsonDror G RudolphLarry SchwiegelshohnUwe <1958->
Disciplina	004/.35
Soggetti	Computer systems Operating systems (Computers) Computer programming Algorithms Microprocessors Computer architecture Logic design Computer System Implementation Operating Systems Programming Techniques Processor Architectures Logic Design
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	Parallel Job Scheduling — A Status Report -- Scheduling on the Top 50 Machines -- Parallel Computer Workload Modeling with Markov Chains -- Enhancements to the Decision Process of the Self-Tuning dynP Scheduler -- Reconfigurable Gang Scheduling Algorithm -- Time-Critical Scheduling on a Well Utilised HPC System at ECMWF Using

Loadleveler with Resource Reservation -- Inferring the Topology and Traffic Load of Parallel Programs Running in a Virtual Machine Environment -- Multi-toroidal Interconnects: Using Additional Communication Links to Improve Utilization of Parallel Computers -- Costs and Benefits of Load Sharing in the Computational Grid -- Workload Characteristics of a Multi-cluster Supercomputer -- A Dynamic Co-allocation Service in Multicluster Systems -- Exploiting Replication and Data Reuse to Efficiently Schedule Data-Intensive Applications on Grids -- Performance Implications of Failures in Large-Scale Cluster Scheduling -- Are User Runtime Estimates Inherently Inaccurate? -- Improving Speedup and Response Times by Replicating Parallel Programs on a SNOW -- LOMARC — Lookahead Matchmaking for Multi-resource Coscheduling.

Sommario/riassunto

This volume contains the papers presented at the 10th Anniversary Workshop on Job Scheduling Strategies for Parallel Processing. The workshop was held in New York City, on June 13, 2004, at Columbia University, in conjunction with the SIGMETRICS 2004 conference. Although it is a workshop, the papers were conference-reviewed, with the full versions being read and evaluated by at least five and usually seven members of the Program Committee. We refer to it as a workshop because of the very fast turnaround time, the intimate nature of the actual presentations, and the ability of the authors to revise their papers after getting feedback from workshop attendees. On the other hand, it was actually a conference in that the papers were accepted solely on their merits as decided upon by the Program Committee. We would like to thank the Program Committee members, Su-Hui Chiang, Walfredo Cirne, Allen Downey, Eitan Frachtenberg, Wolfgang Gentzsch, Allan Gottlieb, Moe Jette, Richard Lagerstrom, Virginia Lo, Reagan Moore, Bill Nitzberg, Mark Squillante, and John Towns, for an excellent job. Thanks are also due to the authors for their submissions, presentations, and final revisions for this volume. Finally, we would like to thank the MIT Computer Science and Artificial Intelligence Laboratory (CSAIL), The Hebrew University, and Columbia University for the use of their facilities in the preparation of the workshop and these proceedings.