《HiPC 2004高性能计算/High P》

图书基本信息

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内容概要

This book constitutes the refereed proceedings of the 11th International Conference on High-Performance Computing, HiPC 2004, held in Bangalore, India in December 2004. The 48 revised full papers presented were carefully reviewed and selected from 253 submissions. The papers are organized in topical sections on wireless network management, compilers and runtime systems, high performance scientific applications, peer-to-peer and storage systems, high performance processors and routers, grids and storage systems, energy-aware and high-performance networking, and distributed algorithms.

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书籍目录

Keynote Addresses Rethinking Computer Architecture Research Event Servers for Crisis Management DIET: Building Problem Solving Environments for the Grid The Future Evolution of High-Performance Microprocessors Low Power Robust Computing Networks and GamesPlenary Session - Best Papers An Incentive Driven Lookup Protocol for Chord-Based Peer-to-Peer (P2P)Networks A Novel Battery Aware MAC Protocol for Ad Hoc Wireless NetworksSession I - Wireless Network Management Dynamic Topology Construction in Bluetooth Scatternets Efficient Secure Aggregation in Sensor Networks Optimal Access Control for an Integrated Voice/Data CDMA System Adaptive Load Balancing of a Cellular CDMA Systems Considering Non-uniform Traffic Distributions An Active Framework for a WLAN Access Point Using Intel's IXP1200 Network Processor MuSeQoR: Multi-path Failure-Tolerant Security-Aware QoS Routing in Ad Hoc Wireless NetworksSession II - Compilers and Runtime Systems A Tunable Coarse-Grained Parallel Algorithm for Irregular Dynamic Programming Applications A Feedback-Based Adaptive Algorithm for Combined Scheduling with Fault-Tolerance in Real-Time Systems A Shared Memory Dispatching Approach for Partially Clairvoyant Schedulers Data Redistribution Algorithms Processor Rings Hdlbne Renard, Yves Robert,for Homogeneous and Heterogeneous Effect of Optimizations on Performance of OpenMP Programs Sparse Matrices in MATLAB*P: Design and ImplementationSession III - High-Performance Scientific ApplicationsSession IV-Peer-to-Peer and Storage SystemsSession v-High-Performance Processors and RoutersSession VI-Grids and Storage SystemsSession VII-Energy-Aware and High-Performance NetworkingSession VIII-Distributed AlgorithmsAuthor Index

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