

<<高性能计算机及网络前沿 Fronti>>

图书基本信息

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作者：Min, Geyong (EDT)/ Martino, Beniamino Di (EDT)/ Yang, Laurence Tianruo (EDT)/ Guo, Minyi (EDT)/ Ruenger, Gudula (EDT)

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## 内容概要

This book constitutes the refereed joint proceedings of ten international workshops held in conjunction with the 4th International Symposium on Parallel and Distributed Processing and Applications, ISPA 2006, held in Sorrento, Italy in December 2006 (see LNCS 4330). The 116 revised full papers presented were carefully reviewed and selected from many high quality submissions. The papers of the ten workshops are very specific and contribute to enlarging the spectrum of the more general topics treated in the ISPA 2006 main conference. Topics addressed are frontiers of high performance computing and networking (FHPCN 2006), XEN in HPC cluster and grid computing environments (XHPC 2006), semantic grid applications in computing and engineering (S-GRACE 2006), fertilization of grid computing and geographic information system (GridGIS 2006), high performance computing in genomic proteomic and transcriptomic (HPC-GTP 2006), parallel and distributed computing in engineering (PDCE 2006), parallel and distributed multimedia computing (ParDMCom 2006), middleware performance (WOMP 2006), information security and digital forensics (ISDF 2006), and ubiquitous processing for wireless networks (UPWN 2006).

书籍目录

FHPCN 2006 Workshop Track 1: System Architectures DNA: Diameter NEMO Applications Based on Binding Update Integration Towards Real-Time Processing of Monitoring Continuous k-Nearest Neighbor Queries Comparison of SBA Family Task Allocation Algorithms for Mesh Structured Networks Scalable Overlay Multicast Architecture On the Design of a Dual-Execution Modes Processor: Architecture and Preliminary Evaluation Pseudo Share Data Cache in Multiprocessor: PSDMP Further Improvement of Manik et al's Remote User Authentication Scheme Using Smart Cards Dynamic Load Balancing on Non-homogeneous Clusters L2-Cache Hierarchical Organizations for Multi-core Architectures Automatic Guidance of a Tractor Using Distributed Applications RCMP: A Reconfigurable Chip-Multiprocessor Architecture Track 2: Middleware and Cooperative Computing Virtual Link: An Enabler of Enterprise Utility Computing Pervasive Open Spaces: A Transparent and Scalable Dome-Based Pervasive Resource Allocation System Computational Experience with Branch, Cut and Price Algorithms in Grid Environments Quorum Based Distributed Conflict Resolution Algorithm for Bounded Capacity Resources Performance Analysis of Semi-centralized Load Sharing A Case for Non-blocking Collective Operations Using Agreement Services in Grid Computing : An Open Environment for Compositional Software Development Track 3: Techniques, Algorithms and Applications A Survivable Distributed Sensor Networks Through Stochastic Models Design and Analysis of the M2LL Policy Distributed Algorithm for Load Balancing in Dynamic Networks .....XHPC 2006 WorkshopS-GRACE 2006 WorkshopGridGIS 2006 WorkshopPDCE 2006 WorkshopParDMCom 2006 WorkshopWOMP 2006 WorkshopISDF 2006 WorkshopUPWN 2006 WorkshopAuthor Index

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