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Soggetti	Computer science Algorithms Computer networks Application software Electronic digital computers—Evaluation Software engineering Theory of Computation Computer Communication Networks Computer and Information Systems Applications System Performance and Evaluation Software Engineering
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Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	A Grid Resource Broker with Network Bandwidth-Aware Job Scheduling for Computational Grids -- Design of PeerSum: A Summary Service for P2P Applications -- A High-Performance Virtual Storage System for Taiwan UniGrid -- Interoperable Grid PKIs Among Untrusted Domains: An Architectural Proposal -- TCMM: Hybrid Overlay Strategy for P2P Live Streaming Services -- Fault Management in P2P-MPI -- Heterogeneous Wireless Sensor Network Deployment and Topology Control Based on Irregular Sensor Model -- Multiple Cluster Merging

and Multihop Transmission in Wireless Sensor Networks -- CFR: A Peer-to-Peer Collaborative File Repository System -- Optimal Deployment of Mobile Sensor Networks and Its Maintenance Strategy -- Server Placement in the Presence of Competition -- A Scalable Mechanism for Semantic Service Discovery in Multi-ontology Environment -- A Collaborative-Aware Task Balancing Delivery Model for Clusters -- An Improved Model for Predicting HPL Performance -- An Ad Hoc Approach to Achieve Collaborative Computing with Pervasive Devices -- Optimizing Server Placement for QoS Requirements in Hierarchical Grid Environments -- AHSEN – Autonomic Healing-Based Self Management Engine for Network Management in Hybrid Networks -- Development of a GT4-Based Resource Broker Service: An Application to On-demand Weather and Marine Forecasting -- Small-World Network Inspired Trustworthy Web Service Evaluation and Management Model -- Towards Feasible and Effective Load Sharing in a Heterogeneous Computational Grid -- Meeting QoS Requirements of Mobile Computing by Dual-Level Congestion Control -- A Transaction Model for Context-Aware Applications -- A Grid-Based Remote Experiment Environment in Civil Engineering -- Mobile Ad Hoc Grid Using Trace Based Mobility Model -- Self Managing Middleware for Dynamic Grids -- Adaptive Workflow Scheduling Strategy in Service-Based Grids -- Scalable Thread Visualization for Debugging Data Races in OpenMP Programs -- MPIRace-Check: Detection of Message Races in MPI Programs -- The Modified Grid Location Service for Mobile Ad-Hoc Networks -- Authentication and Access Control Using Trust Collaboration in Pervasive Grid Environments -- Architecture-Based Autonomic Deployment of J2EE Systems in Grids -- Dynamic Workload Balancing for Collaboration Strategy in Hybrid P2P System -- Performance-Based Workload Distribution on Grid Environments -- A Visual Framework for Deploying and Managing Context-Aware Services -- Towards a Peer-To-Peer Platform for High Performance Computing -- Assessing Contention Effects on MPI_Alltoall Communications -- An Energy-Efficient Clustering Algorithm for Large-Scale Wireless Sensor Networks -- An Algorithm Testbed for the Biometrics Grid -- Task Migration in a Pervasive Multimodal Multimedia Computing System for Visually-Impaired Users -- Minimalist Object Oriented Service Discovery Protocol for Wireless Sensor Networks -- A Novel Data Grid Coherence Protocol Using Pipeline-Based Aggressive Copy Method -- A Design of Cooperation Management System to Improve Reliability in Resource Sharing Computing Environment -- A Peer-to-Peer Indexing Service for Data Grids -- A Novel Recovery Approach for Cluster Federations -- SONMAS: A Structured Overlay Network for Multidimensional Attribute Space -- Formal Specification and Implementation of an Environment for Automatic Distribution -- Dynamic Distribution for Data Storage in a P2P Network -- GRAVY: Towards Virtual File System for the Grid -- A Framework for Dynamic Deployment of Scientific Applications Based on WSRF -- Group-Based Self-organization Grid Architecture -- UR-Tree: An Efficient Index for Uncertain Data in Ubiquitous Sensor Networks -- ZebraX: A Model for Service Composition with Multiple QoS Constraints -- Middleware Support for Java Applications on Globus-Based Grids -- Component Assignment for Large Distributed Embedded Software Development -- LDFS: A Learning-Based Dynamic Framed Slotted ALOHA for Collision Arbitration in Active RFID Systems -- Implementation of OSD Security Framework and Credential Cache -- SEMU: A Framework of Simulation Environment for Wireless Sensor Networks with Co-simulation Model -- Combining Software Agents and Grid Middleware -- A Web Service-Based Brokering Service for e-Procurement in Supply Chains -- A Thin

Client Approach to Supporting Adaptive Session Mobility -- Automatic Execution of Tasks in MiPeG -- Providing Service-Oriented Abstractions for the Wireless Sensor Grid -- Bio-inspired Grid Information System with Epidemic Tuning -- Credibility Assignment in Knowledge Grid Environment -- Image Streaming and Recognition for Vehicle Location Tracking Using Mobile Devices -- Research on Planning and Deployment Platform for Wireless Sensor Networks -- Server-Side Parallel Data Reduction and Analysis -- Parallel Edge Detection on a Virtual Hexagonal Structure.
