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	Nota di contenuto	Network Technologies -- An AIAD-Based Adaptive Routing Protocol in Ad-Hoc Wireless Networks -- Adaptive Neighbor Selection for Service Discovery in Mobile Ad Hoc Networks -- A Formal Approach to Robustness Testing of Network Protocol -- Deadline Probing: Towards Timely Cognitive Wireless Network -- SRDFA: A Kind of Session Reconstruction DFA -- Measuring the Normality of Web Proxies' Behavior Based on Locality Principles -- Network Applications -- Feedback Control-Based Database Connection Management for Proportional Delay Differentiation-Enabled Web Application Servers --

Research on the Detection of Distributed Denial of Service Attacks Based on the Characteristics of IP Flow -- Password-Authenticated Key Exchange between Clients in a Cross-Realm Setting -- Forward Secure Password-Based Authenticated Key Distribution in the Three-Party Setting -- Key Management Using Certificateless Public Key Cryptography in Ad Hoc Networks -- A Data Storage Mechanism for P2P VoD Based on Multi-channel Overlay -- HTL: A Locality Bounded Flat Hash Location Service -- Accelerating the Propagation of Active Worms by Employing Multiple Target Discovery Techniques -- Online Accumulation: Reconstruction of Worm Propagation Path -- HRS: A Hybrid Replication Strategy for Exhaustive P2P Search -- ResourceDog: A Trusted Resource Discovery and Automatic Invocation P2P Framework -- Network and Parallel Architectures -- A Novel Approach to Manage Asymmetric Traffic Flows for Secure Network Proxies -- Automatic Transformation for Overlapping Communication and Computation -- Cooperative Communication System for Parallel Computing Agents in Multi-cluster Grid -- CPI: A Novel Three-Phase Algorithm for QoS-Aware Replica Placement Problem -- Online Balancing Two Independent Criteria -- Procrastination Scheduling for Fixed-Priority Tasks with Preemption Thresholds -- Parallel and Distributed Software -- Survey on Parallel Programming Model -- An Integrated Framework for Wireless Sensor Web Service and Its Performance Analysis Based on Queue Theory -- Grid Computing: A Case Study in Hybrid GMRES Method -- Towards Resource Reliability Support for Grid Workflows -- A SyncML Middleware-Based Solution for Pervasive Relational Data Synchronization -- An Efficient Authentication and Key Agreement Protocol in RFID System -- Grid Service Discovery Based on Cross-VO Service Domain Model -- Ontology-Based Semantic Method for Service Modeling in Grid -- A Scalable and Adaptive Distributed Service Discovery Mechanism in SOC Environments.

| Sommario/riassunto | This book constitutes the refereed proceedings of the IFIP International Conference on Network and Parallel Computing, NPC 2008, held in Shanghai, China in October 2008. The 32 revised full papers presented were carefully selected from over 140 submissions. The papers are organized in topical sections on network technologies; network applications; network and parallel architectures; parallel and distributed software. |