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Collana	Computer Communication Networks and Telecommunications ; ; 3754
Disciplina	004.6068
Soggetti	Application software Computer communication systems Multimedia information systems Information storage and retrieval User interfaces (Computer systems) Computer Applications Computer Communication Networks Multimedia Information Systems Information Storage and Retrieval User Interfaces and Human Computer Interaction Information Systems Applications (incl. Internet)
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Wireless Networking Technologies -- A New Performance Parameter for IEEE 802.11 DCF -- An Energy*Delay Efficient Routing Scheme for Wireless Sensor Networks -- Adaptive Supporting Prioritized Soft Handoff Calls for Power-Controlled DS-CDMA Cellular Networks -- Performance Bounds for Mobile Cellular Networks with Handover Prediction -- Wireless Network Applications -- Adaptive Trunk Reservation Policies in Multiservice Mobile Wireless Networks -- Relevance-Based Adaptive Event Communication for Mobile Environments with Variable QoS Capabilities -- Seamless Network Mobility Management for Realtime Service -- Setup and Maintenance of

Overlay Networks for Multimedia Services in Mobile Environments --
 Overlay Network Management (1) -- Multicast Tree Construction with
 QoS Guaranties -- A Semi-reliable Multicast Protocol for Distributed
 Multimedia Applications in Large Scale Networks -- MDFM: Multi-
 domain Fault Management for Internet Services -- Multimedia (1) --
 Real-Time Audio Quality Evaluation for Adaptive Multimedia Protocols
 -- Policy Based Charging in Multimedia Networks -- Application-Level
 Middleware to Proactively Manage Handoff in Wireless Internet
 Multimedia -- A Voice over IP Quality Monitoring Architecture --
 Multimedia (2) -- A Distributed Scheduling Scheme Providing QoS in
 Multimedia Ad Hoc Wireless Networks -- End-to-End 'Data
 Connectivity' Management for Multimedia Networking -- Improving the
 SLA-Based Management of QoS for Secure Multimedia Services --
 Managing Bandwidth in Multimedia Applications Using a Market-Based
 Middleware -- Web Applications -- Static Weighted Load-Balancing for
 XML-Based Network Management Using JPVM -- Application of OWL-S
 to Define Management Interfaces Based on Web Services -- Web
 Services Based Configuration Management for IP Network Devices --
 Overlay Network Management (2) -- A Scalable Contents Distribution
 Service Using a Java Agent Application Framework -- User-Centric
 Performance and Cost Analysis for Selecting Access Networks in
 Heterogeneous Overlay Systems -- On Using a CDN's Infrastructure to
 Improve File Transfer Among Peers -- Quality of Services -- QoSJava:
 An End-to-End QoS Solution -- Partial Video Replication for Peer-to-
 Peer Streaming -- Network-Adaptive QoS Control for Relative Service
 Differentiation-Aware Video Streaming -- QoS Management in Fixed
 Broadband Residential Gateways -- Bandwidth Management --
 Proactive Two-Tier Bandwidth Brokerage for On-Demand Policy-Based
 Resource Allocation in Stateless IP Networks -- Short-Delay Video
 Streaming with Restricted Supplying Peer Bandwidth -- Initial Approach
 Toward Self-configuration and Self-optimization in IP Networks.

Sommario/riassunto

We are delighted to present the proceedings of the 8th IFIP/IEEE
 International Conference on Management of Multimedia Networks and
 Services (MMNS 2005). The MMNS 2005 conference was held in
 Barcelona, Spain on October 24–26, 2005. As in previous years, the
 conference brought together an international audience of researchers
 and scientists from industry and academia who are researching and
 developing state-of-the-art management systems, while creating a
 public venue for results dissemination and intellectual collaboration.
 This year marked a challenging chapter in the advancement of
 management systems for the wider management research community,
 with the growing complexities of the “so-called” multimedia over
 Internet, the proliferation of alternative wireless networks (WLL, WiFi
 and WiMAX) and 3G mobile services, intelligent and high-speed
 networks scalable multimedia services and the convergence of
 computing and communications for data, voice and video delivery.
 Contributions from the research community met this challenge with 65
 paper submissions; 33 high-quality papers were subsequently selected
 to form the MMNS 2005 technical program. The diverse topics in this
 year's program included wireless networking technologies, wireless
 network applications, quality of services, multimedia, Web applications,
 overlay network management, and bandwidth management.