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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 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 Guarantees -- 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.
