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Nota di contenuto	Multimedia over Wireless (1) -- Enhanced Multimedia and Real-Time Stream Throughput in Wireless Ad-Hoc LAN Using Distributed Virtual Channel Based MAC -- Adaptive Streaming of Combined Audio/Video Content over Wireless Networks -- Management of IEEE 802.11e Wireless LAN for Realtime QoS-Guaranteed Teleconference Service with Differentiated H.264 Video Transmission -- Mobile Ad-Hoc Networks -- Link Available Bandwidth Monitoring for QoS Routing with AODV in Ad Hoc Networks -- An Efficient and Robust Service Discovery Protocol for Dynamic MANETs -- Modeling Energy Consumption in Error-Prone IEEE 802.11-Based Wireless Ad-Hoc Networks -- Video Streaming -- MaVIS: Media-aware Video Streaming Mechanism -- On the Power of Cooperation in Multimedia Caching -- Delay Constrained Spatio-temporal Video Rate Control for Time-Varying Rate Channels -- Short Papers -- A Scalable Framework for Content Replication in Multicast-Based Content Distribution Networks -- VidShare: A Management Platform for Peer-to-Peer Multimedia Asset Distribution Across Heterogeneous Access Networks with Intellectual Property Management -- A Service-Oriented Framework to Promote Interoperability Among

DRM Systems -- A Distributed Hierarchical Structure for Object Networks Supporting Human Activity Recognition -- A Bandwidth-Broker Based Inter-domain SLA Negotiation -- Efficiency of Loss Differentiation Algorithms in 802.11 Wireless Networks -- Seamless Mobility -- Towards Autonomic Handover Decision Management in 4G Networks -- Evaluation of an Intelligent Utility-Based Strategy for Dynamic Wireless Network Selection -- Overlays on Wireless Mesh Networks: Implementation and Cross-Layer Searching -- Bandwidth Provisioning and Control -- Adaptive Quality of Service Management for Next Generation Residential Gateways -- On the Location-Awareness of Bandwidth Allocation and Admission Control for the Support of Real-Time Traffic in Class-Based IP Networks -- An Integrated Network Management Framework for Inter-domain Outbound Traffic Engineering -- Multimedia over Wireless (2) -- RTS/CTS Based Endpoint Admission Control for VoIP Over 802.11e -- Improving Multicast Stability in Mobile Multicast Scheme Using Motion Prediction -- End-to-End QoS Issues of MPEG4-FGS Video Streaming Traffic Delivery in an IP/UMTS Network.

Sommario/riassunto

This volume presents the proceedings of the 9 IFIP/IEEE International Conference on Management of Multimedia and Mobile Networks and Services (MMNS 2006), which was held from October 25 to 27 as part of Manweek 2006 in Dublin, Ireland. In line with its reputation as one of the pre-eminent fora for the discussion and debate of advances in management of multimedia networks and services, the 2006 iteration of MMNS brought together an international audience of researchers and practitioners from both industry and academia. One of the most significant trends of recent years has been the development and considerable market penetration of multimedia-capable mobile handsets. Nevertheless, significant research challenges remain in the area of management of mobile networks supporting multimedia services; challenges which must be addressed by the research community if the vision of ubiquitous availability of advanced multimedia services is to be realised. The MMNS Steering Committee, noting the growing interest within the research community on solving issues relating specifically to the transport of multimedia traffic over various mobile access technologies, made the significant decision to change the long name of the MMNS conference to reflect this change in focus. For 2006 and subsequent years, it will be called "Management of Multimedia and Mobile Networks and Services".
