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| Nota di contenuto | Performance Analysis of Wireless Systems -- A New CAC Policy Based on Traffic Characterization in Cellular Networks -- Cross-Layer Modeling of TCP SACK Performance over Wireless Channels with Completely Reliable ARQ/FEC -- Flow Level Performance Comparison of Packet Scheduling Schemes for UMTS EUL -- Resource and QoS Management -- A Hybrid Fault-Tolerant Algorithm for MPLS Networks -- Reliable Signalling Transport in Next Generation Networks -- An Experimental Investigation of the End-to-End QoS of the Apple Darwin |

Streaming Server -- Implementation Techniques -- An Encryption-Enabled Network Protocol Accelerator -- Freemote Emulator: A Lightweight and Visual Java Emulator for WSN -- An Efficient IP Lookup Architecture with Fast Update Using Single-Match TCAMs -- Mobility -- OMEN – A New Paradigm for Optimal Network Mobility -- Security and Accounting Enhancements for Roaming in IMS -- An Experimental Evaluation of a HIP Based Network Mobility Scheme -- Cross-Layer Design -- Service Discovery Framework for MANETs Using Cross-Layered Design -- Cross-Layer Designs Architecture for LEO Satellite Ad Hoc Network -- Wireless Sensor Networks -- MARWIS: A Management Architecture for Heterogeneous Wireless Sensor Networks -- Experiences from Two Sensor Network Deployments — Self-monitoring and Self-configuration Keys to Success -- Energy-Efficient Multiple Routing Trees for Aggregate Query Evaluation in Sensor Networks -- A Collaborative Localization Scheme from Connectivity in Wireless Sensor Networks.

Sommario/riassunto

This book constitutes the refereed proceedings of the 6th International Conference on Wired/Wireless Internet Communications, WWIC 2008, held in Tampere, Finland, in May 2008. The 18 revised full papers presented were carefully reviewed and selected from 67 submissions. The papers are organized in topical sessions on performance analysis of wireless systems, resource and QoS management, implementation techniques, mobility, cross-layer design, and wireless sensor networks.
