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Nota di contenuto	Wireless Connectivity Solutions: From Wireless LANs to Ad Hoc and Sensor Networks -- Optimizing Routing Schemes for Fast Moving Users in MST-Based Networks -- Receiver Oriented Trajectory Based Forwarding -- Power-Controlled Directional Medium Access Control for Wireless Mesh Networks -- Achieving Flow Isolation in 802.11 Networks with the DTT Scheduler -- Subnet Formation and Address Allocation Approach for a Routing with Subnets Scheme in MANETs -- The State of the Art in Cross-Layer Design for Wireless Sensor Networks -- Cellular Systems: Models and Algorithms -- Modelling Restricted Accessibility for Wireless Multi-service Systems -- A Low Computation Cost Algorithm to Solve Cellular Systems with Retrials Accurately -- An Afterstates Reinforcement Learning Approach to Optimize Admission Control in Mobile Cellular Networks -- Hierarchical

Admission Control in Mobile Cellular Networks Using Adaptive Bandwidth Reservation -- Interference Estimation for the HSDPA Service in Heterogeneous UMTS Networks -- QoS Support in Next Generation Networks -- Service Level Agreement Enforcement for Differentiated Services -- MIPv6 Binding Authentication for B3G Networks -- Dynamic Resource Allocation in Quality of Service Networks -- Peer to Peer Architectures and Services -- A P2P-Based Framework for Distributed Network Management -- Time-Discrete Analysis of the Crawling Strategy in an Optimized Mobile P2P Architecture -- P2P-Based Mobility Management for Heterogeneous Wireless Networks and Mesh Networks -- The Throughput Utility Function: Assessing Network Impact on Mobile Services -- Measurement of Application-Perceived Throughput of an E2E VPN Connection Using a GPRS Network -- Scenarios for Mobile Community Support.

Sommario/riassunto

This book constitutes the refereed post-proceedings of the second international joint workshops on Wireless and Mobility and on New Trends in Network Architectures and Services organized by the European Network of Excellence on Next Generation Internet, EURO-NGI 2005. The 19 revised full research papers presented together with 1 invited talk are organized in topical sections on wireless solutions, QoS support in next generation networks, and peer to peer architectures and algorithms.
