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Nota di contenuto	NEW2AN -- Decentralized Synchronization and Estimation in Wireless Networks -- SICTA Modifications with Single Memory Location and Resistant to Cancellation Errors -- An Improved OCDMA/OCDMA Overloading Scheme for Cellular DS-CDMA -- Placement Algorithms for WiMAX Mesh Network -- On-Line Wireless Channel Modeling for Performance Control Purposes -- Multi-source Video Transmission with Optimum Perceptual Quality over Wireless Ad Hoc Networks -- Interference Aware Construction of Multi- and Convergecast Trees in Wireless Sensor Networks -- Optimum Resource Allocation for Amplify-and-Forward Cooperative Networks with Differential Modulation -- LBS Position Estimation by Adaptive Selection of Positioning Sensors Based on Requested QoS -- Low Latency Cross Layer Handover Scheme in Proxy Mobile IPv6 Domain -- Effects of Interaction between Transport and Application Layers on SIP Signaling Performance -- Modeling Long-Range Dependent VBR Traffic Using Synthetic Markov-Gaussian TES Models -- Performance of Multi-service System with Retrials due to Blocking and Called-Party-Busy -- The Impact of Self-similarity on Traffic Shaping in Wireless LAN -- Service Concentration Node in Internet Multimedia Subsystem (IMS) -- Observing the Impact of QoS Negotiation on the Signaling Load of the IMS -- A Novel Approach to Optimize Information Dissemination in IMS Presence System --

Separation of Responsibilities between Application Servers and Media Servers in NGNs: A Practical Approach -- Systematic QoS Class Mapping Framework over Multiple Heterogeneous Networks -- A Fair Utility Function for Incentive Mechanism against Free-Riding in Peer-to-Peer Networks -- Algorithm for Selecting either an Overlay or Flat Route Based on the Amount of the Delay Measurement Load on the Home Agent in a Hierarchical Mobile IPv6 Network -- Application of Wavelet Packet Transform to Network Anomaly Detection -- ruSMART -- Towards the Dynamic Semantic Web -- From Smart Homes to Smart Cities: Opportunities and Challenges from an Industrial Perspective -- Smartness of Pervasive Computing Systems through Context-Awareness -- Home Automation with ZigBee -- The Smartest Space of All: A Global Space of (Machine-Understandable) Knowledge -- A Definition Approach to Smart Logistics -- A Method of Constructing Personal Network for Ubiquitous Personal Services -- Conductive Inkjet-Printed Wireless Sensor Nodes on Flexible Low-Cost Paper-Based Substrates -- Smart Sensing and Sensor Data Collection on the Move for Modelling Intelligent Environments -- Ubi-Board: A Smart Information Diffusion System.

Sommario/riassunto

This book constitutes the refereed proceedings of the 8th International Conference on Next Generation Teletraffic and Wired/Wireless Advanced Networking, NEW2AN 2008, held in St. Petersburg, Russia in September 3-5, 2008 in conjunction with the First ruSMART 2008. The 21 revised full papers presented were carefully reviewed and selected from a total of 60 submissions. The NEW2AN papers are organized in topical sections on wireless networks, multi-hop wireless networks, cross-layer design, teletraffic theory, multimedia communications, heterogeneous networks, network security. The ruSMART papers start with three keynote talks followed by seven articles on Smart Spaces.
