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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Defining an Internet-of-Things Ecosystem -- Towards IOT Ecosystems and Business Models -- Open and Scalable IoT Platform and Its Applications for Real Time Access Line Monitoring and Alarm Correlation -- Aligning Smart and Control Entities in the IoT -- Where Have You Been? Using Location Clustering and Context Awareness to Understand Places of Interest -- Where Are They Now -- Safe Location

Sharing: A New Model for Location Sharing Services -- Survey on Congestion Control Mechanisms for Wireless Sensor Networks -- On IEEE 802.16m Overload Control for Smart Grid Deployments -- An Overview of Information Extraction from Mobile Wireless Sensor Networks -- VR-Smart Home: Prototyping of a User Centered Design System -- Smart Space Governing through Service Mashups Smart Space Governing through Service Mashups -- Smart Space Applications Integration: A Mediation Formalism and Design for Smart-M3 -- Smart Logistic Service for Dynamic Ridesharing -- A Methodological Approach to Quality of Future Context for Proactive Smart Systems -- Integration of Advanced LTE Technology and MIMO Network Based on Adaptive Multi-beam Antennas -- Feasibility Analysis of Dynamic Adjustment of TDD Configurations in Macro-Femto Heterogeneous LTE Networks -- Performance Comparison of System Level Simulators for 3GPP LTE Uplink -- Performance of Multiflow Aggregation Scheme for HSDPA with Joint Intra-site Scheduling and in Presence of CQI Imperfections -- Modelling a Radio Admission Control Scheme for Video Telephony Service in Wireless Networks -- Multi-point Cooperative Fountain Codes Multicast for LTE Cellular System -- Ad-Hoc, Mesh, and Delay-Tolerant Networks Clustering for Indoor and Dense MANETs -- Energy-Efficient Heuristics for Multihop Routing in User-Centric Environments -- Towards Wireless HART Protocol Decentralization: A Proposal Overview -- Process Mining Approach for Traffic Analysis in Wireless Mesh Networks -- A Risk-Reward Competitive Analysis for Online Routing Algorithms in Delay Tolerant Networks -- Scalability, Cognition, and Self-organization Scalable MapReduce Framework on FPGA Accelerated Commodity Hardware -- A Self-organizing P2P Architecture for Indexing and Searching Distributed XML Documents -- Context-Aware Mobile Applications for Communication in Intelligent Environment -- Power Allocation in Cognitive Radio Networks by the Reinforcement Learning Scheme with the Help of Shapley Value of Games -- The Internet Erlang Formula -- Ubiquitous Sensor Networks Traffic Models for Medical and Tracking Applications -- An Adaptive Codec Switching Scheme for SIP-Based VoIP -- Stop the Flood -- Perimeter Security-- and Overload-- Pre-evaluation in Carrier Grade VoIP Infrastructures -- Queuing Model for Loss-Based Overload Control in a SIP Server Using a Hysteretic Technique -- Applying MIMO Techniques to Minimize Energy Consumption for Long Distances Communications in Wireless Sensor -- Namimote: A Low-Cost Sensor Node for Wireless Sensor Networks -- Fast Restoration of Connectivity for Wireless Sensor Networks -- FDAP: Fast Data Aggregation Protocol in Wireless Sensor Networks -- Access to Emergency Services during Overload Traffic Period -- M2M Applications and Open API: What Could Be Next? -- Modeling of Hysteretic Signaling Load Control in Next Generation Networks -- Modeling the Positioning Algorithms Based on RSS Characteristics in IEEE 802.11g Networks.

Sommario/riassunto

This book constitutes the joint refereed proceedings of the 12 International Conference on Next Generation Teletraffic and Wired/Wireless Advanced Networking, NEW2AN, and the 5th Conference on Internet of Things and Smart Spaces, ruSMART 2012, held in St. Petersburg, Russia, in August 2012. The total of 42 papers was carefully reviewed and selected for inclusion in this book. The 14 papers selected from ruSMART are organized in topical sections named: defining an internet-of-things ecosystem; future services; and smart space governing through service mashups. The 28 papers from NEW2AN deal with the following topics: wireless cellular networks; ad-hoc, mesh, and delay-tolerant networks; scalability, cognition, and self-organization; traffic and internet applications; and wireless sensor

networks. They also contain 4 selected papers from the NEW2AN 2012 winter session.
