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Collana	Computer Communication Networks and Telecommunications ; ; 10517
Disciplina	004.685
Soggetti	Computer communication systems Computers Special purpose computers Computer security Data structures (Computer science) Electrical engineering Computer Communication Networks Information Systems and Communication Service Special Purpose and Application-Based Systems Systems and Data Security Data Structures and Information Theory Communications Engineering, Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Internet of Things -- SustainaBLE: a Power-Aware Algorithm for Greener Industrial IoT Networks -- The 3D redeployment of nodes in Wireless Sensor Networks with real testbed prototyping -- Semantic Resource Management of Federated IoT Testbeds -- Targeted Content Delivery to IoT Devices Using Bloom Filters -- Security -- Trust Based Monitoring Approach for Mobile Ad Hoc Networks -- An Implementation and Evaluation of the Security Features of RPL -- A ticket-based Authentication Scheme for VANETs preserving Privacy -- A

Trust based Communication Scheme for Safety Messages Exchange in VANETs -- Smart City -- Mobility as the main enabler of opportunistic data dissemination in urban scenarios -- Analysis and classification of the vehicular traffic distribution in an urban area -- User-space network tunneling under a mobile platform: a case study for Android environments -- Mobile Crowd Sensing as an Enabler for People as a Service Mobile Computing -- Ad-hoc networks -- SVM- MUSIC Algorithm for Spectrum Sensing in Cognitive Radio Ad-Hoc Networks -- Optimization of a modular ad hoc land wireless system via distributed joint Source-Network Coding for correlated sensors -- AdhocInfra Toggle: Opportunistic Auto-configuration of Wireless Interface for Maintaining Data Sessions in WiFi Networks -- Simulation of AdHoc Networks Including Clustering and Mobility -- Implementations and validations -- Highlighting Some Shortcomings of the CoCoA+ Congestion Control Algorithm -- Experimental Evaluation of Non-Coherent MIMO Grassmannian Signaling Schemes.-WEVA: A Complete Solution for Industrial Internet of Things -- Validating Contact Times Extracted from Mobility Traces -- Wireless sensor networks. -Optimising Wireless Sensor Network Link Quality through Power Control with non-Convex Utilities using Game Theory -- Routing protocol enhancement for mobility support in wireless sensor networks -- Correlation-Free MultiPath Routing for Multimedia traffic in Wireless Sensor Networks -- Impact of Simulation Environment in Performance Evaluation of Protocols for WSNs. -Data management -- A Real-Time Query Processing System for WSN -- Centralized and distributed architectures: Approximation of the response time in a video surveillance system of road traffic by logarithm, power and linear functions -- Secure Storage as a Service in Multi-Cloud Environment -- Policy Management and Enforcement Using OWL and SWRL for the Internet of Things -- Wireless systems -- BSSACH: A Big Slot Scheduling Algorithms with Channel Hopping for Dynamic Wireless Sensor Networks -- A hybrid ant-genetic algorithm to solve a real deployment problem: a case study with experimental validation -- Interference Analysis of Nonlinear and Asynchronous OFDM in Multiuser Cognitive Radio Networks.

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### Sommario/riassunto

This book constitutes the refereed proceedings of the 16th International Conference on Ad-hoc, Mobile, and Wireless Networks, ADHOC-NOW 2017, held in Messina, Italy, in September 2017. The 22 full and 9 short papers presented in this volume were carefully reviewed and selected from 55 submissions. The contributions were organized in topical sections named: internet of things; security; smart city; ad-hoc networks; implementations and validations; wireless sensor networks; data management; wireless systems.

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