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| 1. Record Nr. | UNINA9910484806203321 |
| Titolo | Ad-Hoc, Mobile and Wireless Networks : 8th International Conference, ADHOC-NOW 2009, Murcia, Spain, September 22-25, 2009, Proceedings / / edited by Pedro M. Ruiz, J. J. Garcia-Luna-Aceves |
| Pubbl/distr/stampa | Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009 |
| ISBN | 3-642-04383-6 |
| Edizione | [1st ed. 2009.] |
| Descrizione fisica | 1 online resource (xiv, 404 pages) : illustrations |
| Collana | Computer Communication Networks and Telecommunications, , 2945-9184 ; ; 5793 |
| Classificazione | DAT 256f ELT 745f SS 4800 |
| Altri autori (Persone) | Garcia-Luna-AcevesJ. J RuizPedro M |
| Disciplina | 621.3821 |
| Soggetti | Computer networks User interfaces (Computer systems) Human-computer interaction Cryptography Data encryption (Computer science) Data structures (Computer science) Information theory Electronic data processing - Management Application software Computer Communication Networks User Interfaces and Human Computer Interaction Cryptology Data Structures and Information Theory IT Operations Computer and Information Systems Applications |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Regular Papers -- TCP over Multi-Hop Wireless Networks: The Impact of MAC Level Interactions -- Cooperative Signalling and Its Application |

in a Power-Controlled MAC Protocol -- Joint Source-Channel-Network
 Decoding and Blind Estimation of Correlated Sensors Using
 Concatenated Zigzag Codes -- Challenges for Routing and Search in
 Dynamic and Self-organizing Networks -- Routing Metric for
 Interference and Channel Diversity in Multi-Radio Wireless Mesh
 Networks -- Minimum Delay Data Gathering in Radio Networks --
 Asymptotic Delay Analysis and Timeout-Based Admission Control for
 Ad Hoc Wireless Networks -- Statistical Properties of the Delivery Rate
 for Single-Sink and Multiple-Sink Sensor Networks -- Application-
 Driven Analytic Toolbox for WSNs -- A Diffusion Approximation
 Analysis of Multilevel Ad Hoc and Sensor Networks -- Localized Sensor
 Self-deployment with Coverage Guarantee in Complex Environment --
 An Efficient and Scalable Address Autoconfiguration in Mobile Ad Hoc
 Networks -- Towards Fair Leader Election in Wireless Networks --
 Auction Aggregation Protocols for Wireless Robot-Robot Coordination
 -- On Minimizing the Maximum Sensor Movement for Barrier Coverage
 of a Line Segment -- Mobile Sinks for Information Retrieval from
 Cluster-Based WSN Islands -- Secure EPC Gen2 Compliant Radio
 Frequency Identification -- On the Trade-Off between User-Location
 Privacy and Queried-Location Privacy in Wireless Sensor Networks --
 SenSearch: GPS and Witness Assisted Tracking for Delay Tolerant
 Sensor Networks -- Monte Carlo Localization of Mobile Sensor
 Networks Using the Position Information of Neighbor Nodes --
 Autonomous Transmission Power Adaptation for Multi-Radio Multi-
 Channel Wireless Mesh Networks -- A Decentralized Approach to
 Minimum-Energy Broadcasting in Static Ad Hoc Networks -- Heavily
 Reducing WSNs' Energy Consumption by Employing Hardware-Based
 Compression -- Optimal and Fair Transmission Rate Allocation Problem
 in Multi-hop Cellular Networks -- Short Papers -- A Topology
 Management Routing Protocol for Mobile IP Support of Mobile Ad Hoc
 Networks -- Implementation and Comparison of AODV and OLSR
 Routing Protocols in an Ad-Hoc Network over Bluetooth -- Inside-Out
 OLSR Scalability Analysis -- Proximal Labeling for Oblivious Routing in
 Wireless Ad Hoc Networks -- Proposal and Evaluation of a Caching
 Scheme for Ad Hoc Networks -- A Secure Spontaneous Ad-Hoc
 Network to Share Internet Access -- A Middleware Family for VANETs
 -- Joint IP Address and Public Key Certificate Trust Model for Mobile Ad
 Hoc Networks -- A Localized Algorithm for Target Monitoring in
 Wireless Sensor Networks -- A Wireless Sensor Network Architecture
 for Homeland Security Application.

Sommario/riassunto

This book constitutes the refereed proceedings of the 8th International
 Conference on Ad-Hoc, Mobile, and Wireless Networks, ADHOC-NOW
 2009, held in Murcia, Spain, in September 2008. The 24 revised full
 papers and the 10 short papers were carefully reviewed and selected
 from 92 submissions. The papers deal with advances in Ad-Hoc
 networks, mesh networks, sensor networks and vehicular networks.