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Nota di contenuto	New Re-association Procedures for Reliable Handover in IEEE 802.15.4 Wireless Sensor Networks -- Mobile Data Collector Assignment and Scheduling for Minimizing Data Delay in Partitioned Wireless Sensor Networks -- HRTS: a Hierarchical Reactive Time Synchronization protocol for wireless sensor networks -- The Agony of Choice: Analysis of Routing Protocols in Chain Mesh Networks -- Traffic Modeling and Performance Evaluation in Vehicle to Infrastructure 802.11p Network Social-aware Opportunistic Routing Protocol based on User's Interactions and Interests -- Node Wake-Up via OVSF-Coded Bloom Filters in Wireless Sensor Networks -- To Eavesdrop or Jam, That is the Question Using Cluster Analysis to Detect Attackers in Vehicular Delay Tolerant Networks -- An Efficient and Secure ARP for Large-scale IEEE

802.11s-based Smart Grid Networks.

Sommario/riassunto

This book constitutes the thoroughly refereed proceedings of the 5th International Conference on Ad Hoc Networks, ADHOCNETS 2013, held in Paris, Barcelona, Spain, in October 2013. The 14 revised full papers presented were carefully selected and reviewed from numerous submissions. The papers cover a wide range of applications, commercial and military, such as mobile ad hoc networks, sensor networks, vehicular networks, underwater networks, underground networks, personal area networks, home networks, and large-scale metropolitan networks for smart cities. They are organized in topical sections on Wireless Sensor Networks, Routing, Applications, and Security.