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Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	Improving Particle Filter with Better Proposal Distribution for Nonlinear Filtering Problems -- Performance Evaluation with Control Channel on the Coexistence Scenario of TD-LTE and LTE-FDD -- Buffer Occupation in Wireless Social Networks -- Efficient Identity-Based Encryption without Pairings and Key Escrow for Mobile Devices -- A Network Forensics System for Information Leak Events -- Maximum Independent Set of Links with a Monotone and Sublinear Power Assignment -- An Auction Mechanism for Resource Allocation in Mobile Cloud Computing Systems -- A Novel Delay-Resilient Remote Memory Attestation for Smart Grid -- A Source-Relay Selection Scheme with Power Allocation for Asymmetric Two-Way Relaying Networks in Underground Mines --

Performance Analysis of Broadcast in Multi-channel Multi-radio
Wireless Mesh Networks -- SAFE: A Strategy-Proof Auction Mechanism
for Multi-radio, Multi-channel Spectrum Allocation -- A Context-Aware
MAC Protocol for VANETs -- A Balance Storage Nodes Assignment for
Wireless Sensor Networks -- A Trustworthiness Evaluation Method for
Wireless Sensor Nodes Based on D-S Evidence Theory -- UCOR: An
Unequally Clustering-Based Hierarchical Opportunistic Routing Protocol
for WSNs -- A Quadri-Stage Contention MAC Protocol with
Opportunistic Network Coding Support for Underwater Acoustic
Networks -- Fast Encryption of JPEG 2000 Images in Wireless
Multimedia Sensor Networks -- Evaluating Selective ARQ and Slotted
Handshake Based Access in Real World Underwater Networks --
ActiviTune: A Multi-stage System for Activity Recognition of Passive
Entities from Ambient FM-Radio Signals -- From Decision Fusion to
Localization in Radar Sensor Networks: A Game Theoretical View --
Characterizing the Impact of Non-uniform Deployment of APs on
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Node Localization Using Static Anchor -- Neighbor Discovery Algorithm
Based on the Regulation of Duty-Cycle in Mobile Sensor Network --
Diversity between Human Behaviors and Metadata Analysis: A
Measurement of Mobile App Recommendation -- An Urban Area-
Oriented Improving Particle Filter with Better Proposal Distribution for
Nonlinear Filtering Problems -- Performance Evaluation with Control
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MAC: A Power Control MAC Protocol for Underwater Sensor Networks
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Jamming -- Photo Forensics on Shanzhai Mobile Phone -- Local
Information Storage Protocol for Urban Vehicular Networks --
Maximum Independent Set of Links with Power Control -- Sweep-
Coverage with Energy-Restricted Mobile Wireless Sensor Nodes -- The
Trading between Virtual Mobile Operator and Wireless Service Provider
in the Two-Tier Femtocell Network -- Truthful Online Reverse Auction
with Flexible Preemption for Access Permission Transaction in Macro-
Femtocell Networks -- Social Communications Assisted Epidemic
Disease Influence Minimization.

Sommario/riassunto

This book constitutes the refereed proceedings of the 7th International Conference on Wireless Algorithms, Systems, and Applications, WASA 2013, held in Zhangjiajie, China, in August 2013. The 25 revised full papers presented together with 18 invited papers were carefully reviewed and selected from 80 submissions. The papers cover the following topics: effective and efficient state-of-the-art algorithm design and analysis, reliable and secure system development and implementations, experimental study and testbed validation, and new application exploration in wireless networks.
