1. Record Nr. UNINA9910483936403321

Titolo	Ad-hoc, Mobile, and Wireless Networks : 14th International Conference, ADHOC-NOW 2015, Athens, Greece, June 29 -- July 1, 2015, Proceedings / / edited by Symeon Papavassiliou, Stefan Ruehrup
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-19662-6
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XIII, 418 p. 151 illus.)
Collana	Computer Communication Networks and Telecommunications ; ; 9143
Disciplina	621.3821
Soggetti	Computer networks Application software Electrical engineering Management information systems Computer science Software engineering Information storage and retrieval Computer Communication Networks Information Systems Applications (incl. Internet) Communications Engineering, Networks Management of Computing and Information Systems Software Engineering Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Routing, Connectivity, and Resource Allocation -- A Dynamic Topology Control Algorithm for Wireless Sensor Networks -- Geographic GReedy Routing with ACO Recovery Strategy GRACO -- Scheduling Connections via Path and Edge Multicoloring -- A Schedule Template Construction Technique for Duty Cycled Sensor Networks -- On the Impact of Network Evolution on NUM Resource Allocation Problems in Wireless Multihop Networks -- On the Problem of Resource Allocation and System Capacity Evaluation via a Blocking Queuing Model in D2D

Enabled Overlay Cellular Networks -- Localization, Sensor Deployment, and Mobility Management Localization of a Mobile Node in Shaded Areas -- CAMS: Consensus-Based Anchor-Node Management Scheme for Train Localisation -- Delay Analysis of Context Aware Mobility Management Systems Addressing Multiple Connectivity Opportunities -- AdaMap: Adaptive Radiomap for Indoor Localization -- On the Displacement for Covering a Square with Randomly Placed Sensors -- Election-Based Sensor Deployment and Coverage Maintenance by a Team of Robots -- Distributed Computing with Mobile Agents Wireless Autonomous Robot Evacuation from Equilateral Triangles and Squares -- Rendezvous of Many Agents with Different Speeds in a Cycle -- The Random Bit Complexity of Mobile Robots Scattering -- On the Relations Between SINR Diagrams and Voronoi Diagrams -- Computations by Luminous Robots -- Online Lower Bounds and Offline Inapproximability in Optical Networks -- Efficient, Reliable, and Secure Smart Energy Networks A Modular and Flexible Network Architecture for Smart Grids -- A Linear Programming Approach for K-Resilient and Reliability-Aware Design of Large-Scale Industrial Networks -- Self-organised Key Management for the Smart Grid -- Information-Quality Based LV-Grid-Monitoring Framework and Its Application to Power-Quality Control -- Energy Efficient Small-Cell Discovery Using Users' Mobility Prediction -- Emerging Communications, Networking and Computing Technologies for VANETs 2.0 Safety in Vehicular Networks—on the Inevitability of Short-Range Directional Communications -- Secure Incentive-Based Architecture for Vehicular Cloud -- EYES: A Novel Overtaking Assistance System for Vehicular Networks -- Study of Probabilistic Worst Case Inter-Beacon Delays Under Realistic Vehicular Mobility Conditions -- xRadio: An Novel Software Defined Radio (SDR) Platform and Its Exemplar Application to Vehicle-to-Vehicle Communications.

Sommario/riassunto

This book constitutes the proceedings of the 14th International Conference on Ad Hoc Networks and Wireless, ADHOC-NOW 2015, held in Athens, Greece in June/July 2015. The 25 full papers presented in this volume were carefully reviewed and selected from 52 submissions. The book also contains 3 full-paper invited talks. The contributions are organized in topical sections named: routing, connectivity, and resource allocation; localization, sensor deployment, and mobility management; distributed computing with mobile agents; efficient, reliable, and secure smart energy networks; and emerging communications, networking and computing technologies for VANETs 2.0.