1. Record Nr. UNINA9910299705803321

Titolo	Vehicular Ad-hoc Networks for Smart Cities : First International Workshop, 2014 / / edited by Anis Laouiti, Amir Qayyum, Mohamad Naufal Mohamad Saad
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2015
ISBN	981-287-158-6
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (97 p.)
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 306
Disciplina	004.09 006.3 388 519
Soggetti	Computational intelligence Transportation engineering Traffic engineering Telecommunication Computers - History Automotive engineering Engineering mathematics Engineering - Data processing Computational Intelligence Transportation Technology and Traffic Engineering Communications Engineering, Networks History of Computing Automotive Engineering Mathematical and Computational Engineering Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part 1 Vanet MAC layer protocols Track -- MAC Layer Challenges and Proposed Protocols for Vehicular Adhoc Networks -- An Optimal Strategy for Collision-Free Slots Allocations in Vehicular Ad Hoc NETworks -- Vehicular MAC Protocol Data Unit (V-MPDU): IEEE 802.11p

MAC Protocol Extension to Support Bandwidth Hungry Applications -- Part 2 Vanet Security Track -- Invited paper: VANET Security: Going Beyond Cryptographic-Centric Solutions -- Attacks on Security Goals (Confidentiality, Integrity, Availability) in VANET:A Survey -- Part 3 Data Dissemination in Vanet Track -- Performance Evaluation of EAEP and DV-CAST Broadcasting Protocols in VANET -- ZoomOut HELLO: A Novel 1-hop Broadcast Scheme to improve Network QoS for VANET on Highways -- Information Delivery Improvement for Safety Applications in VANET by Minimizing Rayleigh and Rician Fading Effect.

Sommario/riassunto

Vehicular communication is a key technology in intelligent transportatio n systems. For many years now, the academic and industrial research communities have been investigating these communications in order to improve efficiency and safety of future transportation.
Vehicular networking offers a wide variety of applications, including saf ety applications as well as infotainment applications. This book highlights the recent developments in vehicular networking technologies and their interaction with future smart cities in order to promote further research activities and challenges. SAADI BOUDJIT, University of Paris 13, France HAKIMA CHAOUCHI, Telecom SudParis, France YACINE GHAMRI, University La Rochelle, France HALABI HASBULLAH, Universiti Teknologi Petronas, Malaysia ANIS LAOUITI, Telecom SudParis, France SAOUCENE MAHFOUDH, Jeddah, Saudi Arabia PAUL MUHLETHALER, INRIA, France AMIR QAYYUM, Mohamad Ali Jinnah University, Pakistan NAUFAL SAAD, Universiti Teknologi Petronas, Malaysia AHMED SOUA, NIST, USA HAJIME TAZAKI, University of Tokyo, Japan APINUN TUNPAN, Aintec, Thailand WEI WEI, Xi'an University, China RACHID ZAGROUBA, ENSI, Tunisia.