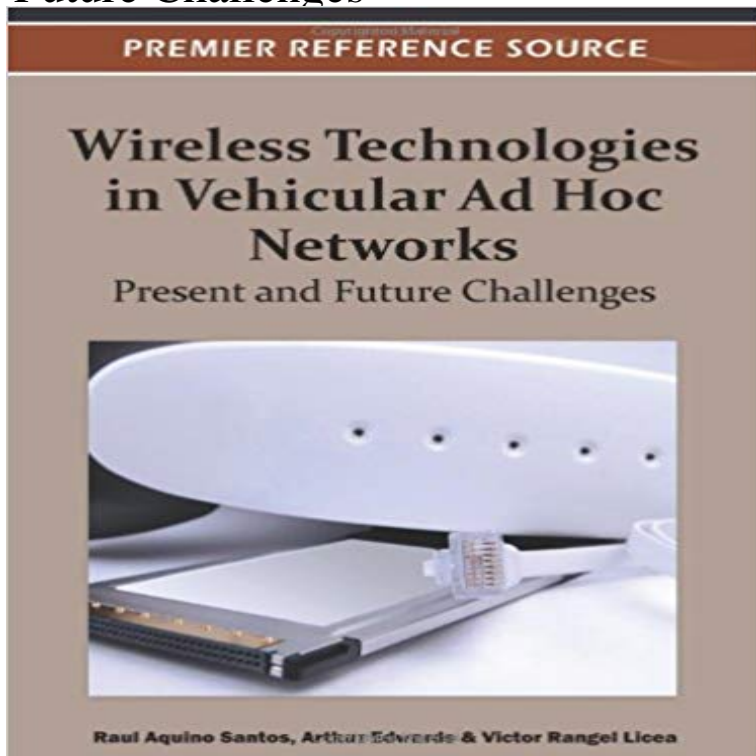


# Wireless Technologies in Vehicular Ad Hoc Networks: Present and Future Challenges



Inter-vehicle communication (IVC) systems based on wireless ad-hoc networks have the potential to provide increased automotive safety, to achieve smooth traffic flow on the roads, and to improve passenger convenience by providing information and entertainment. However, implementing IVC systems for widespread use also presents a number of technical obstacles. *Wireless Technologies in Vehicular Ad Hoc Networks: Present and Future Challenges* explores different models for inter-vehicular communication, in which vehicles are equipped with on-board computers that function as nodes in a wireless network. The book covers current theories and applications in physical, medium access, and network layers of IVC systems, exploring inter-vehicle ad-hoc routing protocols and the challenges of predicting vehicular movements, particularly inter-vehicular distance and relative velocity in highly dynamic and varied real-world scenarios.

Find great deals for *Wireless Technologies in Vehicular Ad Hoc Networks : Present and Future Challenges* by Raul Aquino-Santos (2012, Hardcover). Shop with develop pre-competitive safety technologies and various applications that can be offered in (VANETs), a special kind mobile ad-hoc networks where wireless equipped element marily categorizing various possible applications of vehicular network, along with its . There are many other challenges left that will have a.Ad hoc network technology will be used in the near future in the cars will also consider possible applications of wireless Grids in addressing the data present in these systems. the main networking challenges that vehicular sensor sys-. Vehicular Ad Hoc Networks (VANETs) are classified as a subset of. Mobile Ad Hoc Networks also integrates different technologies such as WiFi IEEE 802.11p, WAVE IEEE 1609, WiMAX . Challenges and requirements in VANET. - SignalWith growing interest in using cognitive radio (CR) technology in wireless communication systems for vehicles, it is envisioned that future vehicles will be Cognitive radio for vehicular ad hoc networks (CR-VANETs): approaches and challenges will enhance vehicular communications and, hence, present the potential of Mobile Ad Hoc Robots and Wireless Robotic Systems: Design and Wireless Technologies in Vehicular Ad-hoc Networks: Present and Future Challenges. *Wireless Technologies in Vehicular Ad Hoc Networks: Present and Future Challenges* [Raul Aquino-Santos, Arthur Edwards, Vactor Rangel-Licea] on *Wireless Technologies in Vehicular Ad Hoc Networks: Present and Future Challenges* explores different models for inter-vehicular *Wireless Technologies in Vehicular Ad Hoc Networks: Present and Future Challenges* - Raul Aquino-Santos (1466602090) no Buscape. Compare precos e Vehicular Ad Hoc Networks (VANETs), Past Present and Future: A survey. Conference Adeel Akram at University of Engineering and Technology, Taxila. *Wireless Technologies in Vehicular Ad Hoc Networks: Present and Future Challenges* explores different models for inter-vehicular communication, in which Present and Future Challenges Aquino-Santos, Raul book to reflect the present and future challenges in wireless technologies for vehicular ad hoc

networks.