

## LIST OF ABBREVIATIONS

AC Access Category  
ACI Access Category Index  
AIFS Arbitrary Inter Frame Space  
AODV Ad-hoc On-demand Distance Vector  
CAF Channel Access Function  
CBR Constant Bit Rate  
CCH control channel  
CSMA/CA Carrier Sense Multiple Access with Collision Avoidance  
CTS Clear To Sent  
CW Contention Window  
DACWA Dynamic Adaptive Contention Window Algorithm  
DCE Direct Code Execution  
DCF Distributed Coordination Function  
DIFS DCF Inter frame Space  
DSDV Destination-Sequenced Distance Vector  
DSRC Dedicated Short Range Communication  
EDCA Enhanced Distributed Channel Access  
GNSS Global Navigation Satellite Systems  
HCCA HCF Controlled Channel Access  
HCF Hybrid Coordination Function  
ICI Inter-Carrier Interferences  
IFS Inter Frame Space  
ISI Inter-Symbol Interferences  
ISM Industrial Scientific Medical  
IVC Inter-Vehicular Communication  
LAN Local Area Network  
MAC Media Access Control  
MANET Mobile Ad-Hoc Networks  
MN Mobile Node  
OEM Original Equipment Manufacturers  
OFDM Orthogonal Frequency Division Multiplexing  
PCF Point Coordination Function  
PDR Packet Delivery Radio  
PF Persistent Factor  
PHY Physical layer  
QAP QoS Access Point  
QoS Quality of Service  
QSTA QoS Station  
RBS Roadside Base Station  
RTP Real-time Transport Protocol  
RTS Ready To Send  
SCH Service Channels

TCP Transmission Control Protocol  
TXOP Transmission Opportunity  
UDP User Datagram Protocol  
UP User Priority  
V2I Vehicle to Infrastructure  
V2V Vehicle to Vehicle  
VANET Vehicular Ad-Hoc Networks  
VM Virtual Machine  
WAVE Wireless Access for the Vehicular Environment  
WECA Wireless Ethernet Compatibility Alliance  
WIFI Wireless Fidelity  
WLAN Wireless Local Area Network  
WMN Wireless Mesh Network