

LIST OF ABBREVIATIONS

- ABR: Associativity-Based Routing
- AGT: Agent Level Trace
- ALOHA: Aerial Locations of Hazardous Atmospheres
- AMPS: Advanced Mobile Phone Service
- ANs/SD Pair: Active Nodes/ Source Destination Pair
- AODV: Ad-hoc On-demand Distance Vector
- AP: Access Point
- ARP: Address Resolution Protocol
- ART: Active Route Timeout
- CBR: Constant Bit Rate
- CBRP: Cluster-based Routing Protocol
- CSMA/CA: Carrier Sense Multiple Access with Collision Avoidance
- DARPA: Defense Advanced Research Projects Agency
- DCF: Distributed Coordination Function
- DoD: Department of Defence
- DPC: Delete Period Constant
- DSDV: Destination-Sequenced Distance Vector
- DSR: Dynamic Source Routing
- DYMO: Dynamic MANET On-demand
- EDGA: Enhanced Data for Global Evolution
- FDMA: Frequency Division Multiple Access
- FORP: Flow-Oriented Routing Protocol
- FSR: Fisheye State Routing
- FTP: File Transfer Protocol
- GloMo: Global Mobile Information Systems

GLAMOSIM: Global Mobile Information System Simulator

GPRS: General Packet Radio Service

GSM: Global System for Mobile communication

GSR: Global State Routing

IARP: Intrazone Routing Protocol

IERP: Inter Zone Routing Protocol

IETF: Internet Engineering Task Force

IP: Internet Protocol

LAN: Local Area Network

LAR: Location-Aided Routing

LMDS: Local Multipoint Distribution Services

MAC: Medium Access Control

MAC: Medium Access Control

MACA: Multiple Access Collision Avoidance

MANET: Mobile Ad-hoc Network

MB: Mobility Model

NAM: Network Animator

NAV: Network Allocation Vector

NLD: Network Load Density

NMT: Nordic Mobile Telephony

NS-2: Network Simulator-2

NS-3: Network Simulator-3

NTDR: Near-Term Digital Radio

OLSR: Optimized Link State Routing

OMNET++: Optical Micro Network++

OPNET: Optimized Network

OTCL: Object Tool Command Language

PCF: Point Coordination Function

PDF: Packet Delivery Fraction

PDR: Packet Delivery Ratio

PRNET: Packet Radio Network

QoS: Quality of Service

RERR: Route Error

RREP: Route Reply

RREQ: Route Request

RTR: Ready to Run

RTS/CTS: Request to Send/Clear to Send

RWPM: Random Way Point Mobility

SOTA: State of The Art

SSR: Segment-by-Segment Routing

SURAN: Survivable Radio Network

TACS: Total Access Communications System

TCL: Tool Command Language

(TCL script language with object oriented extension)

TCP: Transmissions Control protocol

TDMA: Time Division Multiple Access

TORA: Temporally-Ordered Routing Algorithm

UDP: User Datagram Protocol

UMTS: Universal Mobile Telecommunications System

VBR: Variable Bit Rate

VINT: Virtual Internet Testbed

WAN: Wide Area Network

W-CDMA: Wideband Code Division Multiplexing Access

WLAN: Wireless Local Area Network

WMAN: Wireless Metropolitan Area Network

WPAN: Wireless Personal Area Network

WRP: Wireless Routing Protocol

WWAN: Wireless Wide Area Network

ZRP: Zone Routing Protocol

LTE: Long Term Evolution

SNT: Scalable Network Technology

GUI: Graphical User Interface