

LIST OF ABBREVIATIONS

3D	Three-dimensional
ACQUIRE	Active Query Forwarding in Sensor Networks
ADC	Analog to Digital Converter
ADS	Advanced Decision Systems
AODV	Ad hoc On-Demand Distance Vector
APTEEN	Adaptive Periodic Threshold-sensitive Energy Efficient Sensor Network
ASIC	Application Specific Integrated Circuit
BCDCP	Base Station Controlled Dynamic Clustering Protocol
BS	Base station
BSN	Body Sensor Network
CCS	Concentric Clustering Scheme
CDMA	Code Division Multiple Access
CH	Cluster Head
CN	Central Node
CSMA	Carrier Sense Multiple Access
CT	Count Time
DAIC	Distance Aware Intelligent Clustering
DARPA	Defense Advanced Research Projects Agency
DC	Data Centric
DD	Directed Diffusion
DLRDG	Distributed Linear Regression based Data Gathering
DSN	Distributed Sensor Networks
DSP	Digital Signal Processor
DWEHC	Distributed Weight-based Energy-efficient Hierarchical Clustering

EAD	Energy-Aware Data-Centric Routing
EBFC	Energy Balanced Fixed Clustering
EC	Energy-efficient Clustering
ECG	Electrocardiograph
EECS	Energy Efficient Clustering Scheme
EEHC	Energy Efficient Hierarchical Clustering
EEUC	Energy Efficient Unequal Clustering
EQSR	Energy efficient and QoS aware multi-path Routing
EYES	Energy efficient Sensor Networks
FBR	Flow-Balanced Routing
FND	First Node Dies
FPGA	Field Programmable Gate Array
fs	Free space
GEAR	Geographic and Energy Aware Routing
GPS	Global Positioning System
GRAB	GRAdient Broadcast
HEED	Hybrid Energy-Efficient Distributed Clustering
HT	Hard Threshold
ID	Unique Identifier
LEACH	Low Energy Adaptive Clustering Hierarchy
LEARN	Localized Energy-Aware Restricted Neighborhood routing
LND	Last Node Dies
LWIM	Low-power Wireless Integrated Microsensors
MANET	Mobile Ad-hoc NETworks
MEMS	Micro-Electro-Mechanical Systems
MGRP	Multitier Grid Routing Protocol
MMSPEED	Multi-Path and Multi-Speed routing protocol
MN	Member Nodes
mp	Multi path

MWE	Multiple Winner Election
NBC	Nuclear, Biological and Chemical
NOAA	National Oceanographic and Atmospheric Administration
PASCAL	Power Aware Sectoring based Clustering Algorithm
PCA	Power Control Algorithm
PDA	Personal Digital Assistants
PEACH	Power-Efficient and Adaptive Clustering Hierarchy
PEGASIS	Power-efficient gathering in sensor information systems
QBDCS	Query-Based Data Collection Scheme
QOS	Quality of Service
RF	Radio Frequency
SBMC	Sector Based Multi-hop Clustering
SEEM	Secure and Energy-Efficient multi-path Routing protocol
SEER	Simple Energy Efficient Routing Protocol
SN	Source Node
SPAM	Scalable Protocol for Anytime Multi-Level negotiation
SPIN	Sensor Protocols for Information via. Negotiation
ST	Soft Threshold
SWE	Single Winner Election
TDMA	Time Division Multiple Access
TEEN	Threshold sensitive Energy Efficient sensor Network protocol
TSC	Track Sector Clustering
TTCRP	Two Tier Cluster Based Routing Protocol
UCBR	Unequal Cluster Based Routing
UCS	Unequal Clustering Size
UCLA	Unequal Layered Clustering Approach
WINS	Wireless Integrated Network Sensors
WLAN	Wireless Local Area Networks
WSN	Wireless Sensor Networks