

Wireless Sensor Network Challenges And Solutions

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Wireless Sensor Network Challenges And Solutions 2 - Wireless sensor network (WSN) refers to a group of spatially dispersed and dedicated sensors for monitoring and recording the physical conditions of the environment and organizing the collected data at a central location. WSNs measure environmental conditions like temperature, sound, pollution levels, humidity, wind, and so on. These are similar to wireless ad hoc networks in the sense that ...—Wireless Sensor Networks (WSNs) are formed by deploying a large number of sensor nodes in an area for the surveillance of generally remote locations. A typical sensor node is made up of different components to perform the task of sensing. A wireless sensor network (WSN) has important applications such as remote environmental monitoring and target tracking. This has been enabled by the availability, particularly in recent years, of sensors that are smaller, cheaper, and intelligent. Trends, Challenges and Applications of Energy harvesting in Wireless sensor networks Linoy A Tharakan* *Research Scholar, Research & Development Centre, Bharathiyar University Coimbatore Associate Professor, Mar Thoma Institute of Information technology, (Affiliated to University of Kerala, Trivandrum) Abstract — Using energy harvesting Wireless sensor networks in various applications are ...