

## **Abstract Details**

**Title:** WBAN and its Applications

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**Abstract:** Wireless Body Area Network (WBAN) is a collection of low-power and lightweight wireless sensor nodes that are used to monitor the human body functions and the surrounding environment. It supports a number of innovative and interesting applications, including ubiquitous healthcare and Consumer Electronics (CE) applications. Since WBAN nodes are used to collect sensitive (life-critical) information and may operate in hostile environments, they require strict security mechanisms to prevent malicious interaction with the system. This paper gives a brief introduction about WBAN, their application and attacks on different layers.

**Keywords:** Body Area Network, Wireless Sensor Network, Attacks, Security.