

Abstract Summary

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Degree: MSc Mobile and Ubiquitous Computing
Dissertation Title: Real-Time Streaming of mHealth Data from Multi-Sensor Body Area Networks
Supervisor: Jonathan Dukes
Year: 2013

Abstract:

This dissertation investigates the use of real-time streaming protocols for transport and synchronisation of mHealth data from a wireless body area network (WBAN) to a remote monitoring application. The main streaming protocols are compared and the RTSP/RTP protocol suite is selected as the most suitable. A prototype real-time WBAN monitoring system is designed, implemented and evaluated.