Energy efficient and Heterogeneous (Implantable) Body Sensor Networks

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Sense physiological signals
Record health status
Predict the onset of seizure
Notify the patient
Start DBS
Alert doctor on anomaly
Sense physiological signals

Research Context and Question
How can energy-efficiency, reliability and quality of service, be ensured for wireless communication, within the heterogeneous and dynamic implantable body sensor networks.

Research phases
Wireless communication
Data handling
Optimization

Radio-channel Modelling

Impact of Human activity on RF Signal Strength

List of publications →

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