Programme:

June 6 2009	
BSN Platform Tutorial	
10:00 – 10:30	Session 1 - Introduction to Body Sensor Networks *Introduce the current state-of-the-art in wireless sensor networks and its significance and future applications to sensing and monitoring devices for healthcare.*
10:30 – 11:00	Session 2 - Hardware and Installation *Introduce the basic architecture and extensibility of the BSN node for different sensing environments both for healthcare applications and general wireless sensor networks.*
11:00 – 11:30	Break
11:30 – 12:00	Session 3 - Introduction to Programming Environment *Introduce the major concepts required to program the BSN node applications.*
12:00 – 12:30	Session 4 - BSN Programming (hands-on session) *Hands on session on BSN node programming. This session will illustrate how to build, debug, and run applications on the BSN node.*
12:30 – 14:00	Lunch Break
14:00 – 14:45	Session 5 - BSN Sensor Interface (hands-on session) *Hands on session on sensor data acquisition with the BSN node. This session will illustrate how to interface different sensors with the BSN node and program the BSN node to acquire sensor data.*
14:45 – 15:30	Session 6 - Wireless Sensing *Introduce the concept and theory of packet broadcasting, how to form wireless sensor network, and issues related to message hopping. It will also illustrate a simple multi-hop data propagation method that allows data to be collected by a central location.*
15:30 – 16:00	Break
16:00 – 17:00	Session 7 - Introduction to Vision Sensor Networks (VSN) *Introduce the novel concept of VSN, and how it can complement the BSN and be applied in healthcare, well-being, and sports applications. The new VSN platform will be presented follow by demonstrations.*
17:00 – 17:30	Session 8 - Q&A and Conclusion