



WORKSHOP IS POSTPONED

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CALL for PAPERS

Workshop on the possible standardization of BAN/ PN technology

To be held February 23, 2012, at the premises of ETSI, Sophia Antipolis, Nice, France

As the world's population ages, the need for solutions, such as eHealth, that help people live longer at home and with a better quality of life increases. The state of the art of ICT technology, including sensor and actuator technology, is rapidly moving towards the stage where we can envisage new ways to significantly improve health care, and curb its rising costs. More importantly, avoiding health problems by pro-actively and unobtrusively coaching people to adopt health-improving lifestyles.

The development of new low-cost and dependable sensing devices, the incorporation of a multitude of different sensors in consumer devices such as smart phones, the actuation capabilities of these devices, Body Area Networks (BAN) and Personal Networks (PN), etc. have created the basic building blocks for future personal healthcare. More broadly, BAN and PN are important and complementary elements of the Internet of Things (IoT). A BAN may consist of wearable and/or implantable body sensor devices. PNs help enable end-to-end services and ensure Quality-of-Service.

The potential market for BAN / PN is huge. Once established, solutions that support eHealth applications may also support other applications. Today, however, the market remains fragmented. Standards are needed both for interoperability and to help aggregate and open the market.

Towards this goal, ETSI EP eHealth, together with the Hermes Partnership (www.hermes-europe.com) are organizing a workshop on BAN and PN. A broad perspective is taken with respect to potential BAN and PN applications, from eHealth and wellness to commercial and consumer applications, such as gaming and commerce. The objective is to bring together experts and stakeholders in the domain of BAN / PN and to share views on the needs and potential opportunities for BAN / PN standardisation within ETSI.

The meeting will be chaired by Dr. John Farserotu, Head Wireless Department CSEM, Swiss, email: john.farserotu@csem.ch. Organization at ETSI: Dr. Igor Minaev, email: igor.minaev@etsi.org

Presentations are welcome on topics including:

- BAN / PN technology
- BAN / PN applications and services
- BAN / PN and the Internet of Things
- eHealth, Medical and hospital systems and networks
- Radio coexistence and robustness
- MAC protocols for BAN / PN
- International standards and regulatory matters
- Security and privacy issues

Submission of contributions: before January 23, 2012.

Please send your contributions and questions to the Hermes Partnership coordinator, Ad de Ridder, A.C.deRidder@tudelft.nl.



Participation of the workshop is free, registration via the ETSI secretariat:
<http://www.etsi.org/WebSite/NewsandEvents/events.aspx>



AGENDA

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09.30	Opening and welcome (including welcome by Hermes Partnership and short presentation of Hermes)
10.00	An introduction to BAN and PN (speaker to decide)
10.30	Current standardization activities in this area, motivation for standardization (speaker to decide)
11.00	Coffee break
11.30	Presentations from BAN/ PN researchers
13.00	Luncheon
14.00	Business perspectives for standardized BAN/ PN (invited speakers from industry)
15.00	Open discussion
15.30	Way forward, around the table
16.00	Closure of the meeting

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Logistic information is available via the ETSI secretariat