

Invitation to the Smart Surroundings Event

The Smart Surroundings Project:

The Smart Surroundings project is a Dutch funded project that refers to the trend that we as humans interact no longer with one computer at a time, but rather with a dynamic set of small networked computers, often invisible and embodied in everyday objects in the environment.

The overall mission of the Smart Surroundings project is to investigate, define, develop, and demonstrate the core architectures and frameworks for future ambient systems. Our approach to enable ambient systems depends on highly distributed, reliable, and secure information systems that can evolve and adapt to radical changes in their environment, delivering information services that adapt to the people and the services that use them.

Project Information:

Start of project: April 2004

Duration: 54 months

Budget: 13 Million Euro



The Smart Surroundings Event:

You are cordially invited to attend the 2-days Smart Surroundings event that will take place on

4-5 September 2007 at the **University of Twente, Waaier Building, Enschede, The Netherlands.**

The symposium will provide an excellent opportunity for getting insight in various areas relating to the design, implementation, application and evaluation of ubiquitous computing technologies, bringing together leading researchers from a variety of disciplines who are exploring the frontiers of computing as it moves beyond the desktop and becomes increasingly interwoven into the fabrics of our lives. Researchers and practitioners from the Smart Surroundings project will be brought together to discuss common theoretical and practical problems, describe scientific and commercial applications and explore avenues for future research.

Registration:

Entrance to this event is free for everyone, but a registration is required. Registration can simply be done by sending an email with *your name, affiliation, and attendance days* to registration@smart-surroundings.org.

Every participant of the event will receive a copy of the Smart Surroundings book that gives an overview of the research and technological achievements of the project half way into its life time.



Invitation to the Smart Surroundings Event

Program: Tuesday September 4th 2007

11.00 – 11.30 The Smart Surroundings Vision

Prof. Emile Aarts, Philips Research

11.30 – 12.00 The Smart Surroundings Project

Dr. Paul Havinga, University of Twente

12.00 – 13.00 Lunch + poster presentations

13.00 – 13:40 Localization in Wireless Sensor Networks

Dr. Aline Baggio, Delft University of Technology

13:40 – 14:20 Wireless Sensor Network Platforms: An Integrated Approach

Christian Decker, TeCO, University of Karlsruhe

14:20 – 15:00 Magnetic Induction for Body Area Networks

Hans Ketelaars, NXP Semiconductors

15:00 – 15:30 Coffee break

15:30 – 16:10 Tangible Interfaces

Prof. Hans Gellersen, University of Lancaster

16:10 – 16:50 Stress Management

Dr. David Keyson, Delft University of Technology

16:50 – 17:30 Home Care SenseNet

Dr. Hartmut Benz, TI-WMC

17:30 – 18:10 Application of WSN for Occupancy Detection at a Parking Lot

Gerjo Tannemaat, Nedap

Program: Wednesday September 5th 2007

9.00 – 12.00 Smart Surroundings Fair

Demonstrators of technological developments in the project. Presented topics include but are not limited to:

Context awareness

Tangible interfaces

Localization

Service Discovery

Wireless sensor network technology and applications

Ambient intelligence applications

12.00 – 13.30 Lunch

Partners:



More Information:

www.smart-surroundings.org