情報科学研究科講演会

日時： 平成 23 年 7 月 7 日（木）15:00 ～ 16:30
会場： 東北大学大学院情報科学研究科　情報科学研究棟　2F　中講義室
　　　　〒980-8579 宮城県仙台市青葉区荒巻字青葉 6-3-09
主催： 東北大学大学院情報科学研究科　応用情報科学専攻
　　　　先端情報共有技術論(KDDI)寄附講座
共催： GCOE プログラム「情報エレクトロニクスシステム教育研究拠点」
参加費：無料、事前登録不要

講師： Ted Selker 博士（Associate Director, Mobility Research
　　　　　　　　　　　Carnegie Mellon University at Silicon Valley)
演題：

Sensors and Virtual Sensors for Healthful Lifestyles

＜概要＞

We are creating a world where objects with computers i n them can recognize our feelings, and actions, to simplify how we work. Context aware systems can recognize human intentions making capabilities available as needed and reducing interruptions and disruption when they aren't. My Media Lab Context aware computing group, my intelligent kitchen work and, Industrial Design Intelligence program all endeavored to show new ways design can take human needs and abilities into account. The research examples will show how everything from beds to kitchens, to the way we acquire things can be changed to bemore appropriate as we work to improve our lives without complicating them further. This talk will describe several health oriented systems that demonstrate new ways of using sensors and intelligence to promote health. We will go from the kitchen to the bar to the playground to show that context can be recognized and improve our ability to promote health. Any Sign of Life is a wearable system for tracking biological functions that supports games that improve people's health. Smart Sink uses a camera to reduce danger and promote hand washing. A digital cigarette will show how to digitally many of the supports actual cigarettes are used to provide people.