Ubiquitous Computing Research Applications

On January 7th, DTU hosted a seminar entitled “Ubiquitous Computing Research Applications”. Attendees included Professor Sungyoung Lee of Kyung Hee Univerisity in Korea, researchers from the DTU Center for Research and Development and lecturers and students from the Electrical Engineering and IT faculties.

Professor Lee

After years of research in Ubiquitous Computing, Context-aware Middleware, Wireless Sensor Network, Security Systems, Real-time Embedded Systems, Distributed Systems and Intelligent Computing, Professor Lee and his colleagues at the Ubiquitous Computing Lab have been implementing research projects and publishing many papers in SCI journals.

DTU lecturers and staff

Professor Lee presented information on Mind Mining, which was developed by his team at the Ubiquitous Computing Lab. The Mind Mining application, version 2.5, focuses on studying peoples' daily habits and interactions and thereby recommending ways of training them on how to adjust their lives to avoid permanent diseases, such as diabetes, high blood pressure, gout and so on.

Professor Lee said *"Data on the patient's medical history and their family members, including genetic information and diagnostic images, can be stored in an e-medical record, which is important in consultation, diagnosis and treatment. This can be stored digitally by authorized hospitals and shared with health centers to provide patients with better health care."*

Professor Lee talked about how students can obtain scholarships and jobs at Kyung Hee University. The Ubiquitous Computing Lab employs qualified IT graduates who are able to develop software to deal with large volumes of complex data.

(Media Center)