

Sonderkolloquium

Am **Donnerstag, dem 11. Dezember 2008**, um **16:30** Uhr hält

Enrico Rukzio
Lecturer an der Universität von Lancaster

einen Vortrag mit dem Titel

Mobile Interaction with Pervasive User Interfaces

Der Vortrag findet im OFFIS, Escherweg 2, Konferenzraum F02 statt.

Zusammenfassung:

We currently observe the trend that more and more displays can be found in homes, office environments, buildings and public spaces. Furthermore, it is predicted that interactive surfaces, such as Microsoft surface and projector phones, will become pervasively available. The presented research will show our investigation into new interaction techniques and applications in which mobile phones interact with such pervasive user interfaces. Through these techniques and applications, it is possible to overcome the limited output capabilities of mobile devices, enable multi-user applications, and to contribute or take away information.

I will present our research on Touch & Interact (touch-based mobile interaction with displays providing e.g. map-based information for tourists or photo sharing), Projector Phones (interaction techniques enabling mobile interaction with large, high-resolution maps or photo collections) and Rotating Compass (provision of personalized navigation information by public displays). I will show the implementation and evaluation of those systems, and will talk about their potential and shortcomings.

CV:

Enrico Rukzio has been a lecturer in Mobile Human Computer Interaction in the Computing Department of Lancaster University (UK) since 2006. He received his doctorate from University of Munich in 2007 and his MSc (Diplom) in Computer Science from Technical University of Dresden in 2002.

He teaches courses covering human computer interaction, mobile computing and software engineering. In the last years he worked primary on mobile interactions in which the user interacts with the real world through a mobile device which interacts with smart objects. He is the founder of two workshop series (PERMID and MIRW) and is co-author of more than 40 international publications and two granted patents. More information about his research, publications and projects can be found at <http://www.comp.lancs.ac.uk/~rukzio/>.

Eingeladen von: Prof. Dr. Susanne Boll

Weitere Kolloquiumstermine sind im WWW abrufbar.