Second Workshop on Context-Systems Design, Evaluation and Optimisation (CoSDEO 2011)

23.02.11
08:00 – 08:30 Registration
10:00 – 10:20 Coffee break
10:20 – 10:30 Opening
10:30 – 12:10 Session 1 (Activity recognition, Session Chair: Dawud Gordon)

- Michael Knappmeyer, Daniel Brettschneider, Saad Liaquat Kiani and Ralf Tönjes
  Context Source: A Smartphone Application for Serving Context to a Generic Context Provisioning System
  Martin Berchtold, Henning Guenther, Michael Beigl and Matthias Budde
- Scheduling for a Modular Activity Recognition System to Reduce Energy Consumption on SmartPhones
  Tim van Kasteren, Hande Alemdar and Cem Ersoy
- Effective Performance Metrics for Evaluating Activity Recognition Methods
  David Bannach and Paul Lukowicz
- Integrated Tool Chain for Recording, Handling, and Utilizing Large, Multimodal Context Data Sets for Context Recognition Systems

12:00 – 13:30 Lunch

13:30 – 15:10 Session 2 (Pervasive Environments, Session Chair: Martin Berchtold)

- Ulrike Lucke, Philipp Lehsten and Djamshid Tavangarian
  Conceptual Integration of Security Management in Designing Context-aware Environments
  Michael Knappmeyer, Saad Liaquat Kiani, Nigel Baker, Ahsan Ikram and Ralf Tönjes
- Survey on Evaluation of Context Provisioning Middleware
  Markus Reschke, Sebastian Schwarzl, Johannes Starosta, Stephan Sigg and Michael Beigl
- Context awareness through the RF-channel
  Daniel Graff, Jan Richling, Tammo M. Stupp and Matthias Werner
- Context-Aware Annotations for Distributed Mobile Applications
15:00 – 15:30  
Coffee break

15:30 – 17:00  
Session 3 *(Research in Progress)*

- **A Survey of Communication Paradigms in Context-aware Systems**
  Saad Liaquat Kiani, Michael Knappmeyer, Nigel Baker, Ralf Tönjes

- **Context Aware Document Management System**
  Karl-Heinz Krempels, Christoph Terwelp and Andreas Sonnenbichler

- **Context Detection on Mobile Devices**
  Karl-Heinz Krempels, Christoph Terwelp, Uta Christoph and Janno von Stülpnagel

- **Situation awareness based on channel measurements**
  Markus Reschke, Sebastian Schwarzl, Johannes Starosta

- **Activity Recognition on Mobile Phones**
  Martin Berchtold

- **Live-Demo Toolchain**
  David Bannach

18:30 – 20:00  
Welcome Coctail (ARCS)

20:00 – open end