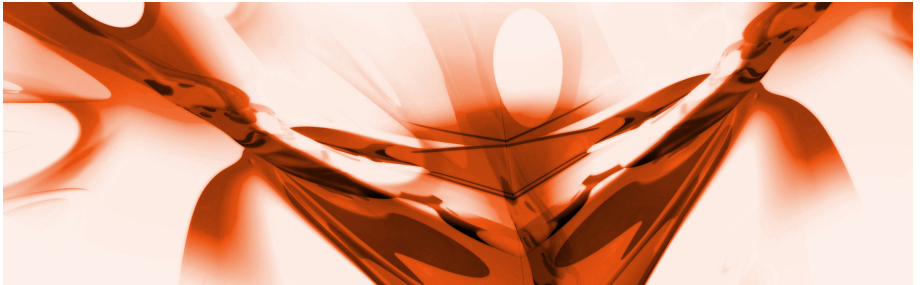


**The 1st Workshop on recent advances in
behavior prediction and pro-active pervasive computing**

In conjunction with
PERVASIVE 2012
June, 19th 2012



Workshop on recent advances in behaviour prediction and pro-active computing

In conjunction with Pervasive 2012

Niklas Klein, Stephan Sigg, Brian Ziebart

19.06.2012

AwareCast 2012 – Organizers



Niklas Klein

AWB

Kassel, Germany

Stephan Sigg

National Institute of Informatics

Tokyo, Japan

Brian Ziebart

Carnegie Mellon University

Pittsburgh, US

AwareCast 2012 – Invited talk

Invited Talk

Challenges of context representation, context middleware and state-of-the-art in context prediction and awareness



Arkady Zaslavsky

CSIRO ICT Centre
Canberra, Australia

Lulea University of Technology
Sweden

AwareCast 2012 – Schedule

AwareCast 2012 schedule

08:00 - 09:00	Registration
09:00 - 09:10	Openings and workshop start
09:10 - 10:00	Invited Talk by Arkady Zaslavsky
10:00 - 10:30	First session (Prediction)
10:30 - 11:00	Coffee break
11:00 - 12:30	Second session (Location)
12:30 - 14:00	Lunch break
14:00 - 15:00	Third session (Robustness and noise)
15:00 -	Closing and coffee break
19:00 -	Social dinner and collaboration

AwareCast 2012 – Sessions

Session 1: Prediction

Predicting context information

Christian Voigtmann and Klaus David

AwareCast 2012 – Sessions

Session 2: Location

Location-based Predictions for Personalized Contextual Services using Social Network Data

Rui Zhang, Bob Price, Maurice Chu and Alan Walendowski

Predicting location-sharing privacy preferences in social network applications

Greg Bigwood, Fehmi Ben Abdesslem and Tristan Henderson

Detecting Room-to-Room Movement by Passive Infrared Sensors in Home Environments

Kazuya Murao, Tsutomu Terada, Ai Yano and Ryuichi Matsukura

AwareCast 2012 – Sessions

Session 3: Robustness and noise

Assessing Topic Models: How to Obtain Robustness?

Julia Seiter, Oliver Amft and Gerhard Troester

[Work in Progress] Simultaneous Counting and Location of Persons Based on a Heterogeneous Sensor Setup

Gernot Ruscher

AwareCast 2012 – Dinner

Social dinner

The Hancock
2A Hancock Street
19:00

