

Call for papers

3rd Workshop on Behaviour Monitoring and Interpretation – Well Being (BMI KI'09)

Co-located with the German Conference on AI 2009, Paderborn, Germany, September 15, 2009

<http://www.tzi.de/~bjoerng/BMI-KI-09>

Monitoring what happens in the environment, what people do and how they interact with their surroundings is of interest in several areas, such as in ambient intelligence, health care applications, or mobile services. This workshop focuses on methods analysing and interpreting the behaviour of individuals, or of small groups of people. This is for the purpose of intention recognition, triggering of smart home environment services, life routine logging, or generally for the investigation of how humans deal with specific problems in their everyday life.

While technological advances in sensing and processing have ushered in an unprecedented opportunity for realizing behaviour monitoring applications, much effort remains needed for the development of methods to integrate and exploit the available data for addressing specific applications. The list of topics of interest includes, but is not limited to:

- knowledge representation and reasoning
- pattern recognition
- spatial and temporal reasoning
- dynamic scene analysis and interpretation
- ambient intelligence

In addition to the general BMI topic, part of this year's workshop features a thematic focus section on *Well Being*. While including areas such as ambient assisted living, *Well Being* is more general and captures different interfaces and methods that advance modern living. Techniques and approaches in formulating and addressing application needs in *Well Being* will be presented and discussed. Prospective authors are encouraged to submit a paper on the general BMI topic or contribute a more specific paper on *Well Being*. Examples of topics of interest are:

- smart homes, ambience lighting
- health care and fitness
- accident and event management
- avatars and social networks

1. Organization

Workshop Chair: Björn Gottfried, Centre for Computing Technologies (TZI), Universität Bremen, Germany, Email: bg@tzi.de

Workshop Co-Chair: Hamid Aghajan, Department of Electrical Engineering, Stanford University, USA, Email: aghajan@stanford.edu

2. Scientific Program Committee

T. D. Adlam, University of Bath, UK

S. Balakirsky, NIST, USA

S. Giroux, Univ. of Sherbrooke, Canada

T. Kirste, University of Rostock, Germany

K. Klabunde, Philips Research, The Netherlands

J. Lacroix, Philips Research, The Netherlands

M. Duckham, University of Melbourne, Australia

P. McCullagh, University of Ulster at Jordanstown, UK

U. Visser, University of Miami, USA

H.D. Wactlar, CMU, USA

3. Important Dates

Submission of papers:	June 1, 2009
Submission of short papers:	July 10, 2009
Notification of acceptance:	July 16, 2009
Final version of papers:	July 31, 2009
Workshop:	Sept. 15, 2009

Papers should be formatted according to the guidelines available at the workshop's webpage. The length of each paper should not exceed 15 pages. All papers must be written in English and submitted in PDF format to Björn Gottfried: bg@tzi.de

Full papers will be published in an edited volume after a post-workshop revision. Authors of accepted short papers will take part in a panel discussion at the workshop, and will be invited to submit a full paper to be reviewed for the edited volume.