

CALL FOR PAPERS (Deadline extended!)

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2nd International Workshop on Human Activity Sensing Corpus and its Application  
(HASCA2014)

September 13<sup>th</sup>, 2014

Seattle, US

<http://hasca2014.hasc.jp>

Held in conjunction with UbiComp2014,

The 2014 ACM International Joint Conference on Pervasive and Ubiquitous Computing

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### Scope and Aims

Recent advancement of technology enables installations of small sized accelerometers or gyroscopes on various kinds of wearable/portable information devices. By using such wearable sensors, these devices can estimate its posture or status. However, most of current devices only utilize these sensors for simple orientation and gesture recognition. More deep understandings and recognition of human activity through these sensors will enable the next-generation human-oriented computing. To enable the real-world application by these kinds of wearable sensors, a large scale human activity corpus might play an important role. Additionally, we have now a lot of high-performance mobile devices in real-world such as smart-phones. It is a great challenge to utilize such enormous number of wearable sensors to collect large-scale activity corpus. In recent years, there are several on-going projects which are collecting human activities. Following on a huge success of last year's workshop, we are further planning to share these experiences of current research on human activity corpus and its applications among the researchers and the practitioners and to have a deep discussion for future of activity sensing.

### Areas of Interest

- Human Activity Sensing Corpus
- Large Scale Data Collection
- Tools for Human Activity Corpus/Sensing
- Participatory Sensing
- Human Activity Recognition
- Feature Selection, Machine Learning
- Context Awareness
- Pedestrian Navigation
- Social Activities Analysis/Detection
- Compressive Sensing
- Sensing Devices
- Lifelog
- Route Recognition/Detection
- Wearable Application
- Gait Analysis
- Health-care Monitoring/Recommendation
- Daily-life Worker Support

### Important Dates

**May 31 st, 2014 : Submission Deadline**

**June 13 th, 2014 : Acceptance Notification**

**June 27 th, 2014 : Camera-ready due**

### Organizers

Nobuo Kawaguchi, Nagoya University (Japan)  
Nobuhiko Nishio, Ritsumeikan University(Japan)  
Daniel Roggen, University of Sussex(UK)  
Sozo Inoue, Kyushu Institute of Technology(Japan)  
Susanna Pirttikangas, University of Oulu  
(Finland)

### Program Committee

Alberto Calatroni, ETH Zurich  
Anja Bachmann, Karlsruhe Institute of Technology  
Elena Mugellini, University of Applied Sciences of  
Western Switzerland  
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Ren Ohmura, Toyohashi University of Technology  
Tsutomu Terada, Kobe University  
Yasuyuki Sumi, Future University Hakodate  
Yoshihiro Kawahara, The University of Tokyo  
Yu Enokibori, Nagoya University

### Submission

We invite two kinds of submissions:

- Full research papers – up to **10** pages
- Short technical papers – up to **5** pages

All the papers must be formatted as “**ACM SIGCHI Extended Abstracts format**”(landscape).  
([LaTeX](#) | [WORD](#) )

Send your paper to

[hasca2014-submission@hasc.jp](mailto:hasca2014-submission@hasc.jp)

with "HASCA2014 submission" as subject.

### Publication

All the accepted papers will be part of UbiComp2014 Adjunct proceedings and ACM Digital Library.