

CALL FOR PAPERS

3rd International Workshop on Human Activity Sensing Corpus and its Application
(HASCA2015)

September 8th, 2015

Osaka, JAPAN

<http://hasca2015.hasc.jp>

Held in conjunction with UbiComp2015,

The 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing

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

June 5 th, 2015 : Submission Deadline

June 26 th, 2015 : Acceptance Notification

July 7th, 2015 : 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

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Shigeyuki Miyagi, The University of Shiga Pref.
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

hasca2015-submission@hasc.jp

with "HASCA2015 submission" as subject.

Publication

All the accepted papers will be part of
UbiComp2015 Adjunct proceedings and ACM
Digital Library.