

Call for Paper

The 1st International Workshop on Crowd Sensing and Ubiquitous Intelligence (CSUI 2015)

In conjunction with the 12th IEEE International Conference on Ubiquitous Intelligence and Computing (UIC2015)
August 10-14, 2015, Beijing, China

Workshop homepage: <http://transitwang.wix.com/csui2015>

Ubiquitous sensors, connected devices, smart objects, networking advances, and diverse data sets are the driving force towards a smart world within which computational intelligence is embedded in the physical environment to provide trustworthy, personalized, and adaptive services to people. This ubiquitous intelligence (UI) changes the computing landscape by enabling new breeds of applications and systems previously impossible. For example, by coupling everyday objects with intelligence (i.e., sensing, computing, and reasoning capabilities), many tasks can now be simplified and automated. As a result, our living and working environments become smarter, more comfortable, and more efficient.

Crowd sensing technology has become an important part of ubiquitous computing, and it has found pervasive use in a variety of applications ranging from environment/residential monitoring, intelligent transportation and traffic planning, urban dynamics sensing, public health and safety, to location based services. The need of understanding urban, society and environment dynamics to enable large-scale ubiquitous computing applications leads to a number of challenges on crowd sensing technology. To address the core technical challenge in emerging crowd sensing and ubiquitous intelligence technologies, the CSUI 2015 workshop will focus on topics include, but are not limited to::

- Crowd sensing frameworks and wireless localization technologies
- Incentive models and mechanisms
- Crowdsourced data processing and mining approaches and algorithms
- Crowd sensing systems and applications

Interested authors can submit Full Technical Papers with maximum 6 pages or Short Position Papers, mainly “work in progress” with maximum 4 pages. All submissions should follow the IEEE CS format which can be found in [UIC2015 submission page](#).

Accepted papers must be presented at the workshop and will appear in the proceedings of the UIC2015 conference by IEEE Computer Society.

**** Important Dates ****

Submission deadlines:	May 1, 2015
Acceptance notification:	May 20, 2015
Camera ready version:	June 5, 2015
Workshop date:	August 10, 2015

***** Workshop Co-Chairs *****

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