

First International Workshop on Social Sensing (IWSS 2015)

October 19, 2015 Dallas, Texas, USA

<http://www3.nd.edu/~dwang5/service/ssw/>



Social sensing has emerged as a new paradigm for collecting sensory measurements by means of “crowd-sourcing” sensory data collection tasks to a human population. Humans can act as sensor carriers (e.g., carrying GPS devices that share location data), sensor operators (e.g., taking pictures with smart phones), or as sensors themselves (e.g., sharing their observations on Twitter). The proliferation of sensors in the possession of the average individual, together with the popularity of social networks that allow massive information dissemination, heralds an era of social sensing that brings about new research challenges in this emerging field.

The first international workshop on social sensing is to bring together researchers and engineers from academia, industry, and government to present recent advances in both theoretical and experimental research. Its scope includes social sensing, ubiquitous, mobile and pervasive sensing, participatory and opportunistic sensing, urban sensing, social signal processing, information and coding theory, information processing and knowledge discovery from sensor data, data reliability, privacy and security issues, cyber-physical-systems with human-in-the-loop. We invite technical papers describing original ideas, exciting results, and/or real-world experiences involving the social sensing paradigm.

Topics of interest include but are not limited to the following:

- Social sensing
- Ubiquitous, mobile and pervasive sensing
- Participatory and opportunistic sensing
- Urban sensing
- Data reliability in social sensing
- Privacy and security in social sensing
- Social networks as sensor networks
- Social signal processing
- Information and coding theory
- Information processing and knowledge discovery from sensor data
- Sensing unstructured data

- Cyber-physical-systems with human-in-the-loop

General Chair: XXX

Program Chair: Dong Wang (University of Notre Dame, IN, USA)

Submission Guidelines:

All submissions should be written in English with a maximum length of 6 single-spaced, double-column pages using 10pt size fonts on 8.5 x 11 inch pages, with a side margin of at least 1 inch, including all figures, tables, and references. All paper submission will be electronic, in PDF format.

Submission website can be found at:

<https://www.edas.info/newPaper.php?c=20955>

Important Dates:

Paper Submission Deadline: July 10th, 2015

Notification of Paper Acceptance: August 1st, 2015

Camera Ready: August 7th, 2015

Workshop Day: October 19th, 2015