

Call for papers

Symposium on Reality Understanding and Situation Mining for Smart Living (RealSmart'09)

<http://www.issnip.org/2009/symposia.html#RealSmart09>

An MIT initiative called Reality Mining refers to the “collection of machine-sensed environmental data pertaining to human social behaviour.”

Of course, machine-sensed data can go beyond helping to understand human social behaviour. It should also help in supporting other living object that reacts dynamically to the environmental changes such as animals, plants, perishable food, etc. On the other hand it should support the interaction among living objects in facilitating better human reaction to natural disasters.

There has been a rapid development of sensor network technology and the increasing deployment of sensors in the real world in a plethora of devices, ranging from shoes, cars, mobile devices to the everyday environment of our lives.

The ubiquitous deployment of sensors, leads to the ubiquitous generation of data. It is easy to generate sensor data – attach a vibration sensor to a wall and start generating data that reflects a little known aspect of the wall’s “life”.

If sense can be made of such ubiquitous data, an unprecedented deeper and more comprehensive probing and understanding of reality and real-world situations can be achieved.

Such a computer understanding of reality and situations of daily life can help us live smarter, in the wake of global issues such as climate change, resource consumption, the environment and health.

1. Topics

Invited papers will include but are not limited to the following topics:

- Real world situation modelling and understanding
- Ubiquitous data stream mining

- Context-aware applications for global concerns
- Smart tools for environmentally sustainable living
- Tools for monitoring reality

2. Important dates

Advance Submission:	15 Jun 2009
Submission deadline:	30 Jun 2009
Acceptance:	15 Aug 2009
Final Submission:	31 Aug 2009
Conference Dates:	7–10 Dec 2009

3. Co-chairs

A/Prof. Seng Loke (La Trobe University)
Dr. Naveen Chilamkurti (La Trobe Uni)
Dr. Shonali Krishnaswamy (Monash Uni)
Prof. Adnan Al-Anbuky (AUT University)
Dr. Mohamed Gaber (Monash University)

4. ISSNIP'09 conference

Details of the main conference and associated symposiums can be found at:
www.issnip.org/2009/symposia.html

5. Contact

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