



SenSys 2010

The 8th ACM Conference on Embedded
Networked Sensor Systems

November 3-5, 2010

Zürich, Switzerland

<http://sensys.acm.org/2010/>



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The 8th ACM Conference on Embedded Networked Sensor Systems (SenSys 2010) solicits innovative research papers on the systems issues of networked, embedded sensing and control. The conference brings together academic, industry, and government professionals to a premier single-track, highly selective forum on the design, implementation, and application of sensor networks.

SenSys takes a broad view of sensor systems to include any distributed system that interacts with the physical world. We seek technical papers describing original ideas, groundbreaking results and/or quantified system experiences.

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

- Approaches to architecting sensor networks
- Experience with real-world deployments and applications
- Resource management and OS support for sensor systems
- Energy management and harvesting for long-term operation
- Wireless communication systems and protocols for sensor networks
- Sensor network measurement and characterization
- Programming paradigms and models for distributed sensing
- Sensor network debugging, fault-tolerance and reliability
- Sensing, actuation and control in cyber-physical systems
- Sensor systems leveraging mobile phones, RFIDs, robots, etc.
- Distributed sensor data storage, retrieval, processing and management
- Sensor data quality, integrity, and trustworthiness
- In-network data reduction, inference, and signal processing
- Security and privacy in sensor networks
- Time and location management
- Social implications and human-sensor interactions

Paper Registration and Abstract: April 1
Paper Submission Deadline: April 8
Notification of Paper Acceptance: July 20

See you in Zürich!