



Website: <http://www.cse.wustl.edu/ipsn07.html>



## Call for Papers

# The Sixth International Conference on Information Processing in Sensor Networks (IPSN'07)

April 25 - 27, 2007 – Cambridge (MIT Campus), Massachusetts, USA

### IPSN'07 Steering Committee

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### Important Dates:

Abstracts Due: Mon, Nov 6th, 2006  
Papers Due: Mon, Nov 13th, 2006  
Acceptance Decision: Mon, Jan 29th, 2007  
Camera Ready: Fri, Feb 23rd, 2007  
Conference: Wed-Fri, Apr. 25-27th, 2007

The sixth International Conference on Information Processing in Sensor Networks (IPSN 2007) will continue the success of previous five symposia to bring together researchers from academia, industry, and government to present and discuss recent work in sensor network research and applications. IPSN draws upon many disciplines including signal and image processing, information and coding theory, networking and protocols, distributed algorithms, wireless communications, machine learning, embedded systems design, and databases and information management.

To further foster the collaboration between theory and practice, this conference will feature two interleaving tracks: IPSN, focusing more on information processing algorithms, and SPOTS, focusing on platform tools and design methods for network embedded sensors. In addition, IPSN'07 will feature a competition; details for rules and participation will be announced in the IPSN'07 competition website <http://www.cs.berkeley.edu/~kamin/ipsn07competition/>.

Topics covered in technical sessions include, but are not limited to, the following:

Distributed & collaborative signal processing	Distributed inference & fusion
Network protocols for sensor networks	Fault tolerance
Coding, compression & information theory	Network coverage, connectivity & longevity
Distributed query processing	Data storage in sensor networks
Detection, classification, estimation, tracking	Location and time services
Sensor tasking and control	Energy and resource management
Networked sensing and control	Programming models and languages
In-network processing and aggregation	Real-time scheduling
Distributed control & actuation	Security
	Application & demonstration of sensor networks

### Submission Guidelines:

All papers will be submitted electronically, in Portable Document Format (PDF). Instructions for submission will be available at IPSN'07 website: <http://www.cse.wustl.edu/ipsn07.html>.

Submission must meet the following criteria:

A paper must be original material that has not been previously published nor is currently under review by another conference or journal. Submitted papers should be no longer than 10 pages in IEEE two-column format for conferences.

Each paper will be reviewed by the Technical Programming Committee. Accepted papers will appear in the conference proceedings. Following the IPSN tradition, an accepted paper will be presented either in the single-track session, or in the poster session, depending on its content not its quality.