

# **Call for Papers**

## **Workshop on Distributed Smart Cameras**

### **DSC-06**

**Boulder, CO, USA, October 31, 2006**

held in conjunction with  
**The 4th ACM Conference on Embedded Networked Sensor Systems**  
**(SenSys 2006)**  
[sensys.acm.org/2006](http://sensys.acm.org/2006)

Distributed smart cameras combine two concepts: physically distributed cameras and distributed computing. Distributed smart cameras are examples of high-performance multimedia sensor networks. This area brings together researchers in image processing, sensor networks, and embedded system architecture.

Several groups are now working on distributed smart cameras, but generally pursuing them in different research communities. This meeting is the first event to bring together all the research groups working on this problem. We solicit papers addressing theoretical and practical aspects of distributed smart cameras. We particularly encourage submissions describing prototypes, applications, case studies or deployments.

Topics of interest include, but are not limited to:

- Distributed embedded systems for video
- Smart camera architectures
- Collaborative embedded vision
- Networking for distributed smart cameras
- Multi-sensor systems and sensor fusion
- Middleware for distributed smart cameras
- Applications of smart cameras in areas such as surveillance, tracking and smart rooms

#### **Submission instructions:**

We invite authors to submit papers no longer than 5 pages in PDF to [dsc06@iti.tugraz.at](mailto:dsc06@iti.tugraz.at). Accepted papers will be made available to workshop participants.

Demo presentations are welcomed. If you plan to present a demo of distributed smart cameras contact the workshop co-chairs.

#### **Important dates:**

- Paper submission: July 31, 2006
- Notification of acceptance: Sep. 15, 2006
- CR paper submission: Sep. 30, 2006
- Workshop: Oct. 31, 2006

#### **Program co-chairs:**

B. Rinner, TU Graz  
W. Wolf, Princeton U.

#### **Program committee:**

F. Berry, Univ. Clermont-Ferrand  
S. Bhattacharyya, U. Maryland  
M. Bove, MIT Media Lab  
C. Guestrin, CMU  
R. Kleihorst, Philips Research  
X. Koutsoukos, Vanderbilt U.  
C. Regazzoni, Univ. Genova  
M. Srivastava, UCLA  
W. Strasser, Univ. Tübingen

**[www.iti.tugraz.at/dsc06](http://www.iti.tugraz.at/dsc06)**