

# **Program: 2nd International Workshop on Semantic Learning Applications in Multimedia (SLAM)**

In association with [CVPR 2007](#)

Minneapolis, MN, USA

June 18, 2007

## **Monday, Jun 18**

### **7:45 AM - 8:30 AM**

**Breakfast**

### **8:30 AM - 8:40 AM**

**Welcome and Opening Remarks**

Chairs: Tom Huang, Jiebo Luo, and Milind Naphade

### **8:40 AM - 9:25 AM**

**Morning Keynote: Antonio Torralba, CSAIL, MIT**

What could you do if you had a huge collection of annotated images?

### **9:25 AM - 10:10 AM**

**Session 1: Semantic Image Annotation**

Kernel Sharing With Joint Boosting For Multi-Class Concept Detection

Wei Jiang (Columbia University, USA); Shih-Fu Chang (Dept. of E.E. , Columbia Univ., USA);  
Alexander Loui (Eastman Kodak, USA)

Automatic Image Annotation by Ensemble of Visual Descriptors

Emre Akbas (University of Illinois at Urbana-Champaign, USA); Fatos Yarman Vural (Middle  
East Technical University, Turkey)

Home Interior Classification using SIFT Keypoint Histograms

Brian Ayers (Rose-Hulman Institute of Technology, USA); Matthew Boutell (Rose-Hulman  
Institute of Technology, USA)

### **10:10 AM - 10:30 AM**

**AM Break**

### **10:30 AM - 11:30 AM**

## Session 2: Object and Event Recognition

Recognizing Groceries in situ Using in vitro Training Data

Michele Merler (University of Trento, Italy, Italy); Carolina Galleguillos (UC San Diego, USA);  
Serge Belongie (UC San Diego, USA)

Hierarchical Recognition of Human Activities Interacting with Objects

Michael Ryoo (University of Texas at Austin, USA); Jake Aggarwal (U. Texas, USA)

Accurate Dynamic Sketching of Faces from Video

Zijian Xu (University of California at Los Angeles, USA); Jiebo Luo (Eastman Kodak Company, USA)

Scene Segmentation and Categorization Using NCuts

YanJun Zhao (Dept CS of Tsinghua university, P.R. China); Tao Wang (Intel China Research Center, P.R. China); Peng Wang (Intel China research center, P.R. China); Yangzhou Du (Intel China Research Center, P.R. China)

## 12:30 PM - 2:00 PM

Lunch

## 2:00 PM - 3:00 PM

**Afternoon Keynote: Dennis Moellman, Program Manager, Disruptive Technology Office (formerly ARDA)**

The VACE Research Program: Video Analysis and Content Extraction

## 3:00 PM - 3:10 PM

PM Break

## 3:10 PM - 3:55 PM

## Session 3: Multimedia Search and Retrieval

Fusing Local Image Descriptors for Large-Scale Image Retrieval

Eva Hoerster (Univeristy of Augsburg, Germany); Rainer Lienhart (Univ of Augsburg, Germany)

Diverse Active Ranking for Multimedia Search

Shyamsundar Rajaram (University of Illinois at Urbana-Champaign, USA); Charlie Dagli (University of Illinois at Urbana-Champaign, USA); Nemanja Petrovic (Google Inc., USA);

Thomas Huang (University of Illinois at Urbana-Champaign, USA)

Using Group Prior to Identify People in Consumer Images

Andrew Gallagher (Eastman Kodak Company, USA); Tsuhan Chen (CMU, USA)

## 3:55 PM - 4:40 PM

## Session 4: Audio and Video Analysis

**A Multimodality Framework for Creating Speaker/Non-Speaker Profile**

Jehanzeb Abbas (University of Illinois at Urbana Champaign, USA); Charlie Dagli (University of Illinois at Urbana-Champaign, USA); Thomas Huang (University of Illinois at Urbana-Champaign, USA)

**Segmental Hidden Markov Models for View-based Sport Video Analysis**

Yi Ding (Oklahoma State University, USA); Guoliang Fan (Oklahoma State University, USA)

**Salient Object Detection on Large-Scale Video Data**

Hong Lu (Fudan University, P.R. China)

**4:40 PM - 5:10 PM****Panel Discussion**

Panel: Tom Huang, Jiebo Luo, Dennis Moellman, Milind Naphade, Antonio Torralba

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