



SLAM2006

2006 International Workshop on Semantic Learning Applications in Multimedia Program

| Day | Time | Plenary |
|-----|-------------------|---|
| Sun | 08:30 AM-08:40 AM | <i>Welcome-Opening Remarks</i> |
| | 08:40 AM-09:30 AM | <i>Morning Keynote: Song-Chun Zhu, UCLA</i> |
| | 09:30 AM-10:15 AM | <i>Session 1: Semantic Scene Categorization</i> |
| | 10:45 AM-11:45 AM | <i>Session 2: Semantic Event Recognition</i> |
| | 01:40 PM-02:30 PM | <i>Afternoon Keynote: John R. Smith, IBM Research</i> |
| | 02:30 PM-03:15 PM | <i>Session 3: Semantic Ontology & Learning</i> |
| | 03:45 PM-04:45 PM | <i>Session 4: Multimedia Annotation & Retrieval</i> |
| | 04:45 PM-05:30 PM | <i>Panel Discussion</i> |

Sunday, Jun 18

8:30 AM - 8:40 AM

Welcome-Opening Remarks

Chairs: Tom Huang, Jiebo Luo, Milind Naphade

8:40 AM - 9:30 AM

Morning Keynote: Song-Chun Zhu, UCLA

Knowledge Representation and Learning Schemes for Large Object Categories

9:30 AM - 10:15 AM

Session 1: Semantic Scene Categorization

Factor Graphs for Region-based Whole-scene Classification

Matthew Boutell (Rose-Hulman Institute of Technology, USA); Jiebo Luo (Eastman Kodak Company, USA); Christopher Brown (University of Rochester, USA)

Robust Scene Categorization by Learning Image Statistics in Context

Jan van Gemert (University of Amsterdam, The Netherlands); Jan-Mark Geusebroek (University of Amsterdam, The Netherlands); Cor Veenman (University of Amsterdam, The Netherlands); Cees Snoek (University of Amsterdam, The Netherlands); Arnold Smeulders (University of Amsterdam, The Netherlands)

Improving Web-based Image Search via Content Based Clustering

Nadav Ben-Haim (UCSD, USA); Boris Babenko (University of California, San Diego, USA); Serge

Belongie (UC San Diego, USA)

10:45 AM - 11:45 AM

Session 2: Semantic Event Recognition

Attribute Grammar-Based Event Recognition and Anomaly Detection

Seong-Wook Joo (University of Maryland, USA); Rama Chellappa (Univ. of Maryland, USA)

Emblem Detections by Tracking Facial Features

Atul Kanaujia (Rutgers University, USA)

Semantic Event Detection using Conditional Random Fields

Tao Wang (Intel China Research Center, P.R. China); Jianguo Li (Intel China Research Center, Beijing, P.R. China); Qian Diao (Intel China Research Center, Beijing, P.R. China); Wei Hu (Intel China Research Center, Intel Corporation, P.R. China); Yimin Zhang (Intel China Research Center, Canada); Carole Dulong (Intel, USA)

Specifying, Interpreting and Detecting High-level, Spatio-Temporal Composite Events in Single and Multi-Camera Systems

Senem Velipasalar (Princeton University, USA); Lisa Brown (IBM T.J. Watson Research Center, USA); Arun Hampapur (IBM T.J. Watson, USA)

1:40 PM - 2:30 PM

Afternoon Keynote: John R. Smith, IBM Research

Machine Tagging of Multimedia Content

2:30 PM - 3:15 PM

Session 3: Semantic Ontology & Learning

Object Boundary Detection in Images using a Semantic Ontology

Anthony Hoogs (GE Global Research, USA); Roderic Collins (GE Global Research, USA)

Semantic Learning for Audio Applications: A Computer Vision Approach

Rahul Sukthankar (Intel Research Pittsburgh, USA); Yan Ke (Carnegie Mellon University, USA); Derek Hoiem (Carnegie Mellon University, USA)

Generalized Multiclass AdaBoost and Its Applications to Multimedia Classification

Wei Hao (Kodak, USA); Jiebo Luo (Eastman Kodak Company, USA)

3:45 PM - 4:45 PM

Session 4: Multimedia Annotation & Retrieval

Video Annotation by Active Learning and Cluster Tuning

Guo-Jun Qi (University of Science and Technology of China, P.R. China); Yan Song (University of Science and Technology of China,, P.R. China); Xian-Sheng Hua (Microsoft Research Asia, P.R. China); Li-Rong Dai (University of Science and Technology of China,, P.R. China); Hong-Jiang Zhang (Microsoft Research Asia, P.R. China)

Automatic Video Annotation by Mining Speech Transcripts

Atulya Velivelli (University of Illinois, USA); Thomas Huang (University of Illinois at Urbana-

Champaign, USA)

Audio-Visual Event Recognition in Video Sequences

Marco Cristani (University of Verona, Italy); Manuele Bicego (University of Sassari, Italy);
Vittorio Murino (University of Verona, Italy)

Assessing the Filtering and Browsing Utility of Automatic Semantic Concepts for Multimedia Retrieval

Michael Christel (Carnegie Mellon University, USA); Milind Naphade (IBM T J Watson Research Center, USA)

4:45 PM - 5:30 PM

Panel Discussion

Panel: Tom Huang (UIUC), Jiebo Luo (Kodak), Milind Naphade (IBM), Anthony Hoogs (GE), John Smith (IBM), Song-Chun Zhu (UCLA)