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2006

**8th ACM SIGMM International
Workshop on Multimedia Information Retrieval**

*In conjunction with ACM Multimedia 2006
October 26-27, 2006, Santa Barbara, CA, USA*

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Final Program

Thursday October 26, 2006

Opening: 2:00PM - 3:00PM

1. Opening Remarks and Introduction of Speaker. James Z. Wang (The Pennsylvania State University, USA)
2. Keynote Speech. Donald Geman (Johns Hopkins University, USA)

Poster Sessions: 3:00PM - 5:00PM

Session 1: Multimedia Retrieval

Chair: Alberto Del Bimbo, University of Florence, Italy

1. Similarity learning via dissimilarity space in CBIR. Giang Phuong Nguyen (University of Amsterdam, NL); Marcel Worring (University of Amsterdam, NL); Arnold Smeulders (University of Amsterdam, NL)
2. Adaptive Image Retrieval using a Graph Model for Semantic Feature Integration. Jana Urban (University of Glasgow, UK); Joemon Jose (University of Glasgow, UK)
3. Visual Pattern Discovery Using Web Images. Yongqing Sun (NTT Cyber Solutions Laboratories, JP)
4. Dynamic Similarity Search in Multi-Metric Spaces. Benjamin Bustos (University of Konstanz, DE); Tomas Skopal (Charles University in Prague, CZ)

5. Combining Audio-based Similarity with Web-based Data to Accelerate Automatic Music Playlist Generation. Peter Knees (Johannes Kepler University Linz, AT); Tim Pohle (Johannes Kepler University Linz, AT); Markus Schedl (Johannes Kepler University, AT); Gerhard Widmer (Johannes Kepler University Linz, AT)
6. Retrieval of Ottoman Documents. Esra Ataer (Bilkent University, TR); Pinar Duygulu (Bilkent University, TR)
7. Unsupervised learning from a corpus for shape-based 3D model retrieval. Ryutarou Ohbuchi (University of Yamanashi, JP)

Session 2: Annotation, Summarization, and Visualization
Chair: Daniel Gatica-Perez, IDIAP Research Institute, Switzerland

1. Image Classification using Cluster-Cooccurrence Matrices of Local Relational Features. Lokesh Setia (University of Freiburg, DE); Alexandra Teynor (University of Freiburg, DE); Alaa Halawani (University of Freiburg, DE); Hans Burkhardt (University of Freiburg, DE)
2. Mining Temporal Patterns of Movement for Video Content Classification. Michael Fleischman (MIT, US); Phillip Decamp (MIT, US); Deb Roy (MIT, US)
3. Joint Categorization of Queries and Clips for Web-based Video Search. Ruofei Zhang (Yahoo! Inc., US); Ramesh Sarukkai (Yahoo! Inc., US); Jyh-Herng Chow (Yahoo! Inc., US); Wei Dai (Yahoo! Inc., US); Zhongfei Zhang (State University of New York at Binghamton, US)
4. Constant tangential angle elected interest points. Alexis Joly (INRIA, FR); Ahmed Rebai (INRIA, FR); Nozha Boujemaa (INRIA, FR).
5. Video Summarization using Personal Photo Libraries. Yuichiro Takeuchi (The University of Tokyo, JP); Masanori Sugimoto (The University of Tokyo, JP)
6. Assembling personal speech collections by monologue scene detection from a news video archive. Ichiro Ide (Nagoya University, JP); Naoki Sekioka (Nagoya University, JP); Tomokazu Takahashi (Nagoya University, JP); Hiroshi Murase (Nagoya University, JP)
7. Automatically Selecting Shots for Action Movie Trailers. Alan Smeaton (Dublin City University, IE); Bart Lehane (Dublin City University, IE); Noel O'Connor (Dublin City University, IE); Conor Brady (Dublin City University, IE); Gary Craig (Dublin City University, IE)

8. Matching slides to Presentation Videos Using Scene Background Alignment. Quanfu Fan (University of Arizona, US)

Afternoon Tea: 4:00PM - 4:30PM

Special Session 1: 5:00PM - 6:40PM Query Systems for Data Retrieval in Large Personal Image and Video Databases

Chair: Igor Kozintsev, Intel, USA

1. To Search or To Label? Predicting the Performance of Search-Based Automatic Annotation Models for Consumer Photos. Lyndon Kennedy (Columbia University, US); Shih-Fu Chang, (Columbia University, US)
2. Dynamic Storyboards for Video Content Summarization. G. Ciocca (Universit` degli Studi di Milano-Bicocca, IT); R. Schettini (Universit` degli Studi di Milano-Bicocca, IT)
3. Scalable Search-Based Image Annotation of Personal Images. Changhu Wang (University of Science and Technology of China, CN); Feng Jing (Microsoft Research Asia, CN); Lei Zhang (Microsoft Research Asia, CN); Hong-Jiang Zhang (Microsoft Research Asia, CN)
4. Efficient Filtering with Sketches in the Ferret Toolkit. Qin Lv (Princeton University, US); William Josephson (Princeton University, US), Zhe Wang (Princeton University, US), Moses Charikar (Princeton University, US) Kai Li (Princeton University, US)
5. Efficient Semantic Annotation Method for Indexing Large Personal Video Database. Yan SONG (University of Sci&Tech of China, CN); Meng WANG (University of Sci&Tech of China, CN); Li-Rong DAI (University of Sci&Tech of China, CN); Ren-Hua Wang (University of Sci&Tech of China, CN); Xian-Sheng HUA (Microsoft Research Asia, CN); Hong-Jiang ZHANG (Microsoft Research Asia, CN)

Friday October 27, 2006

Opening: 9:00PM - 10:00PM

1. Opening Remarks and Introduction of Speaker. Nozha Boujema (INRIA, France)
2. Keynote Speech. Edward Chang, Google China and

University of California at Santa Barbara, USA.

Morning Tea: 10:00PM - 10:30PM

Oral Session 1: 10:30AM - 12:10PM: Multimedia Retrieval

Chair: James Z. Wang, The Pennsylvania State University, USA

1. Description and Retrieval of 3D Face Models using iso-Geodesic Stripes. Stefano Berretti (University of Florence, IT); Alberto Del Bimbo (University of Firenze, IT); Pietro Pala (University of Firenze, IT)
2. Probabilistic Feature Modeling based on Quantization for SVM Active Learning in Content-based Image Retrieval. Hua Xie (Jet Propulsion Laboratory, California Institute of Technology, US); Victor Andreu (University of Southern California, US); Antonio Ortega (USC, US)
3. Exploring Temporal Consistency for Video Analysis and Retrieval. Jun Yang (Carnegie Mellon University, US); Alexander Hauptmann (Carnegie Mellon University, US)
4. Dual diffusion model of spreading activation for content-based image retrieval. Serhiy Kosinov (University of Geneva, CH); Stephane Marchand-Maillet (University of Geneva, CH); Igor Kozintsev (Intel, US); Carole Dulong (Intel, US); Thierry Pun (University of Geneva, CH)
5. Using Score Distributions for Query-time Fusion in Multimedia Retrieval. Peter Wilkins (Centre for Digital Video Processing, Dublin City University, IE)

Lunch: 12:10PM - 1:10PM

Oral Session 2: 1:10PM - 2:50PM Annotation, Summarization and Visualization

Chair: Nozha Boujemaa, INRIA, France

1. An Adaptive Graph Model for Automatic Image Annotation. Jing Liu (Institute of Automation, Chinese Academy of Sciences, CN); Mingjing Li (Microsoft Research Asia, CN); Qingshan Liu (Institute of Automation (IA) Chinese Academy of Sciences (CAS), CN); Hanqing Lu (the Institute of Automation, Chinese Academy of Sciences, CN); Wei-Ying Ma (Microsoft Research, China, CN)
2. Low cost soccer video summaries based on visual rhythm. Nivando Bezerra (Universidade de Fortaleza, BR); Elan Lima (Universidade de Fortaleza, BR)

3. Incorporating Concept Ontology for Hierarchical Classifier Training and Multi-Level Image Annotation. Yuli Gao (University of North Carolina at Charlotte, US); Jianping Fan (University of North Carolina, US)
4. Generating Summaries and Visualization for Large Collections of Geo-Referenced Photographs. Mor Naaman (Yahoo! Research Berkeley, US); Alexander Jaffe (Yahoo! Research Berkeley, US); Tamir Tassa (The Open University of Israel, US); Marc Davis (University of California, Berkeley, US)
5. Robust Scene Recognition using Language Models for Scene Contexts. Ryoichi Ando (Tokyo Institute of Technology, JP); Koichi Shinoda (Tokyo Institute of Technology, JP); Sadaoki Furui (Tokyo Institute of Technology, JP); Takahiro Mochizuki (NHK, JP)

Afternoon Tea: 2:50PM - 3:10PM

**Special Session 2: 3:10PM - 4:50PM
Benchmarking Image and Video Retrieval**

Chair: Marcel Worring, University of Amsterdam, The Netherlands

1. Benchmarking Image and Video Retrieval: an overview. Stephane Marchand-Maillet (University of Geneva, CH); Marcel Worring (University of Amsterdam, NL)
2. Usage-oriented multimedia information retrieval technological evaluation. Christian Fluhr (CEA-LIST, FR); Pierre-Alain Moellic (CEA-LIST, FR); Patrick Hede (CEA-LIST, FR)
3. Human Performance Measures for Video Retrieval. Gary Marchionini (University of North Carolina, US)
4. Benchmarking Multimedia Search in Structured Collections. Thijs Westerveld (CWI, NL); Roelof van Zwol (University of Utrecht, NL)
5. Evaluation Campaigns and TRECVID. Alan Smeaton (Dublin City University, IE); Paul Over (NIST, US); Wessel Kraaij (TNO, NL)

Panel Session: 5:00PM - 6:00PM Diversity in Multimedia Retrieval Research

Chair: James Z. Wang, The Pennsylvania State University, USA

Panelists:

Nozha Boujemaa, INRIA, France
Alberto Del Bimbo, University of Florence, Italy
Donald Geman, Johns Hopkins University
Alex Hauptmann, Carnegie Mellon University
Jelena Tesic, IBM T.J. Watson Research Center

This schedule is subject to change. Last updated: August 3, 2006.

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