

**MIR 2005 Program (updated 10/25/2005)**

Thursday November 10, 2005

2:00-3:00 pm	<p>Opening Remarks  Hongjiang Zhang (<i>Microsoft Research Advanced Technology Center, China</i>)  Keynote Speech  Weiyang Ma, <i>Microsoft Research Asia</i>  <i>From Relevance to Intelligence: Toward Next Generation Web Search</i></p>
3:00 ♦ 5:00 pm	<p><b>Poster Session</b>  <b>Session Chair: Qi Tian (<i>The University of Texas at San Antonio, USA</i>)</b></p>
	<p><b>Poster Session 1: Video Annotation, Indexing and Retrieval</b></p>
	<p>Enhanced Ontologies for Video Annotation and Retrieval  Marco Bertini, Alberto Del Bimbo, and Carlo Torniai</p>
	<p>Semi-Automatic Video Annotation Based on Active Learning with Multiple Complementary Predictors  Song Yan, Xian-Sheng Hua, Li-Rong Dai, and Meng Wang</p>
	<p>A Motion-Flow-Based Fast Video Retrieval System  Chih-Wen Su, Kuo-Chin Fan, Hong-Yuan Mark Liao, Chia-Wen Lin, Hsiao-Rong Tyan</p>
	<p>Video Booklet ♦ A Natural Video Searching and Browsing Interface  Caizhi Zhu, Xian-Sheng Hua, Tao Mei, and Xiu-Qing Wu</p>
	<p>A New General Framework for Shot Boundary Detection and Key-Frame Extraction  Huamin Feng</p>
	<p>A Unified Framework for Semantic Shot Representation of Sports Video  Xiaofeng Tong, Hanqing Lu, Lingyu Duan, and Qingshan Liu</p>
	<p><b>Poster Session 2: Image/WWW-based System and Applications</b></p>
	<p>Semantic Image Classification with Hierarchical Feature Subset Selection  Yuli Gao</p>
	<p>Photo-to-Search: Using Multimodal Queries to Search the Web from Mobile Devices  Xin Fan, Xing Xie, Mingjing Li, Zhiwei Li, and Wei-Ying Ma</p>
	<p>Multiple Random Walk and Its Application  Mingjing Li, Jingrui He, and Hanghang Tong</p>
	<p>Scenario optimization for interactive category search  Giang Phuong Nguyen and Marcel Worring</p>
	<p>Macroblock Mode Decision for H.264  Tran Duc Hai Du</p>
4:00 ♦ 4:30 pm	<p>Afternoon Tea</p>
5:00 ♦ 6:40 pm	<p><b>Special Session 1: Machine Learning for Visual Information Retrieval</b>  <b>Session Chair: Nozha Boujemaa (<i>INRIA, France</i>)</b></p>
	<p>A Cluster-wise Semantics Endorsement Approach to Image Retrieval  Jia Li</p>
	<p>Exploiting Temporal Discontinuities for Event Detection and Manipulation in Video Streams  Hugh Denman, Erika Doyle, Anil Kokaram, Niall Rea, Rozenn Dahyot, and Ray Fuller</p>
	<p>An Interactive System for Mental Face Retrieval  Yuchun Fang, Donald Geman</p>
	<p>Discriminant Local Features Selection using Efficient Density Estimation in a Large Database  Alexis Joly and Olivier Buisson</p>
	<p>Hybrid visual and conceptual image representation within active relevance feedback context</p>

## Friday November 11, 2005

9:00 ♦ 10:00 am	<b>Keynote Speech</b> Ramesh Sarukkai, <i>Yahoo! Inc</i> Video Search: Opportunities & Challenges
10:00-10:30 am	Morning Tea
10:30-12:10 am	<b>Oral Session 1: Image/Video/Learning</b> <b>Session Chair: John Smith (IBM T. J Watson Research Center, USA)</b>
	Active Semi-Supervised Fuzzy Clustering for Image Database Categorization Nizar Grira, Michel Crucianu, and Nozha Boujemaa
	Mutual Relevance Feedback for Multimodal Query Formulation in Video Retrieval Arnon Amir, Marco Berg, and Haim Permuter
	Player Identification in Soccer Videos Alberto Del Bimbo, Marco Bertini, and Walter Nunziati
	Tracking Concept Drifting with an Online-Optimized Incremental Learning Framework Jun Wu, Dayong Ding, Xian-Sheng Hua, and Bo Zhang
	Low-cost Distributed Learning of A Probabilistic Mixture Model for Multimedia Content-based Indexing on A Large Scale Afshin Nikseresht, Marc Gelgon
12:10 -1:10 pm	Lunch
1:10-2:50 pm	<b>Oral Session 2: Web Searching and Applications</b> <b>Session Chair: Hongjiang Zhang (Microsoft Research Advanced Technology Center, China)</b>
	SSP: Similarity Space Projection, A Novel Framework for Web Image Search and Annotation Tie-Yan Liu, Ying Liu, Tao Qin, Lei Zhang, and Wei-Ying Ma
	Probabilistic Web Image Gathering Keiji Yanai and Kobus Barnard
	Multi-Graph Enabled Active Learning for Multimodal Web Image Retrieval Xin-Jing Wang, Wei-Ying Ma, Lei Zhang, and Xing Li
	Inferring Similarity Between Music Objects with Application to Playlist Generation Chris Burges, Cormac Herley, and Robert Ragno
	Framework for Personalized Multimedia Summarization Lalitha Agnihotri, John Kender, Nevenka Dimitrova, and John Zimmerman
2:50 - 3:10 pm	Afternoon Tea
3:10-4:50 pm	<b>Special Session 2: Multimedia Information Retrieval: Challenges and Real-world Applications</b> <b>Session Chair: James Z. Wang (The Penn State University, USA)</b>
	Evaluation Strategies for Image Understanding and Retrieval Keiji Yanai, Nikhil Shirahatti, Prasad Gabbur, and Kobus Barnard
	Localized Content-Based Image Retrieval Rouhollah Rahmani, Sally Goldman, Hui Zhang, and Jason Fritts
	A Content-Based Image Retrieval System for Fish Taxonomy Yixin Chen, Henry L. Bart, Jr., and Fei Teng
	Extracting Information from Multimedia Meeting Collections Daniel Gatica-Perez, Dong Zhang, and Samy Bengio
	Content-Based Image Retrieval - Approaches and Trends in the New Age Ritendra Datta, Jia Li, and James Z. Wang
	<b>Panel Session: Multimedia Information Retrieval: What is it and Why isn't Anyone Using It?</b> <b>Session Chair: Alejandro (ALEX) Jaimes (FXPAL Japan, Fuji Xerox Co., Ltd.)</b>

5:00 -6:30 pm

Ramesh Sarukki, *Yahoo! Inc*  
Wei-Ying Ma, *Microsoft Research Asia*  
Sbastien Gilles, *LTU technologies*  
Mike Christel, *Carnegie Mellon University*