

Thursday, July 13, 2006											
Time	Start	Type	Chair	Topic	Title	Authors / Speaker					
8:00:00 AM	8:00 AM	Registration									
8:15:00 AM											
8:30:00 AM											
8:45:00 AM	8:45 AM	Welcome									
9:00:00 AM	9:00 AM	Oral	Mike Christel, CMU	Interactive Image and Video Retrieval	"Interactive Experiments in Object-Based Retrieval"	Sorin Sav, Gareth Jones, Hyowon Lee, Noel O'Connor, Alan Smeaton (Centre for Digital Video Processing, Dublin City University, IE)					
9:15:00 AM					"Learned Lexicon-driven Interactive Video Retrieval"	Cees Snoek, Marcel Worring, Dennis Koelma, Arnold Smeulders (University of Amsterdam, NL)					
9:30:00 AM					"Mining Novice User Activity with TRECVID Interactive Retrieval Tasks"	Michael Christel, Ronald Conescu (Carnegie Mellon University, US)					
9:45:00 AM											
10:00:00 AM											
10:15:00 AM											
10:30:00 AM	10:30 AM	BREAK									
10:45:00 AM	10:45 AM	Oral	Stefan Ruger, Imperial College London	Semantic Image Retrieval	"A Linear-Algebraic Technique with an Application in Semantic Image Retrieval"	Jonathon Hare, Paul Lewis (University of Southampton, UK); Peter Enser, Christine Sandom (University of Brighton, UK)					
11:00:00 AM											
11:15:00 AM					"Logistic Regression of Generic Codebooks for Semantic Image Retrieval"	Joao Magalhaes, Stefan R�ger (Imperial College London, UK)					
11:30:00 AM					"Query by Semantic Example"	Nikhil Rasiwasia, Nuno Vasconcelos (University of California, San Diego, US); Pedro Moreno (Google, Inc., US)					
11:45:00 AM											
12:00:00 PM											
12:15:00 PM	12:15 PM	Boaster	Apostol Natsev, IBM Research	Boaster Session for Poster Session #1							
12:30:00 PM											
12:45:00 PM	12:45 PM	Poster	Apostol Natsev, IBM Research	Poster Session #1 (12:45PM - 2:30PM)							
1:00:00 PM											
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1:45:00 PM											
2:00:00 PM											
2:15:00 PM											
					"A Novel Framework for Robust Annotation and Retrieval in Video Sequences"	Arasanathan Anjuln, Nishan Canagarajah (University of Bristol, UK)					
					"Feature Re-weighting in Content-Based Image Retrieval"	Gita Das (Monash University, AU)					
					"Objectionable Image Detection by ASSOM Competition"	Gregoire Lefebvre (France Telecom R&D, FR); Huicheng Zheng (Trinity College, IE); Christophe Laurent (France Telecom, FR)					
					"Image Searching and Browsing by Active Aspect-based Relevance Learning"	Mark Huiskes (Centre for Mathematics and Computer Science, NL)					
					"Finding Faces in Gray Scale Images Using Locally Linear Embeddings"	Samuel Kadoury, Martin Levine (McGill University, CA)					
					"ROI-based Medical Image Retrieval using Human-perception and MPEG-7 Visual Descriptors"	Seo MiSuk, Ko ByoungChul, Jung Hong, Nam JaeYeal (University of Keimyung, KR)					
					"Hierarchical Hidden Markov Model for Rushes Structuring and Indexing"	Chong-Wah Ngo, Zailiang Pan, Xiaoyong Wei (City University of Hong Kong, HK)					
					"Retrieving Objects using Local Integral Invariants"	Alaa Halawani (University of Freiburg, DE); Hashem Tamimi (University of Tuebingen, DE)					
					"Retrieving Shapes Efficiently by a Qualitative Shape Descriptor: The Scope Histogram"	Arne Schuldt, Bj�rn Gottfried, Otthein Herzog (University of Bremen, DE)					
					"Relay Boost Fusion for Learning Rare Concepts in Multimedia"	Dong Wang, Jianmin Li, Bo Zhang (Tsinghua University, CN)					
					"Comparison between Motion Verbs using Similarity Measure for Semantic Representation of Moving Object"	Miyoung Cho, Dan Song, Chang Choi, Junho Choi, JongAn Park, Pankoo Kim (Chosun Univ., KR)					
					"Coarse-to-Fine Classification for Image-based Face Detection"	Han Jin Ryu (Korea University, KR)					
					"Using Topic Concepts For Semantic Video Shots Classification"	Stephane Ayache, George Quenot (CLIPS/IMAG Laboratory, FR); Jerome Gensel (Universit� Joseph Fourier, FR); Shin'ichi Satoh (National Institute of Informatics, JP)					
					"A Multi-Feature Optimization Approach to Object-Based Image Classification"	Qianni Zhang, Ebroul Izquierdo (Queen Mary, University of London, UK)					
					"Eliciting Perceptual Ground Truth for Image Segmentation"	Victoria Hodge, Garry Hollier, John Eakins, Jim Austin (University of York, UK)					
2:30:00 PM	2:30 PM		Hari Sundaram, Arizona State University	Keynote Talk	"Exploratory Search Interfaces to Support Image Discovery"	Ben Shneiderman, University of Maryland, Founding Director, Human Computer Interaction Laboratory					
2:45:00 PM											
3:00:00 PM											
3:15:00 PM							Questions & Break				

3:30:00 PM	3:30 PM	Oral	Marcel Worring, University of Amsterdam	Visual Feature Analysis	"Corner Detectors for Affine Invariant Salient Regions: Is Color Important?"	Nicu Sebe (University of Amsterdam, NL)
3:45:00 PM					"Keyframe Retrieval by Keypoints: Can Point to Point Matching Help?"	Wanlei Zhao, Yu-Gang Jiang, Chong-Wah Ngo (City University of Hong Kong, HK)
4:00:00 PM						
4:15:00 PM						
4:30:00 PM						
4:45:00 PM	"Local Feature Trajectories for Efficient Event-Based Indexing of Video Sequences"	Nicolas Moënne-Loccoz, Eric Bruno, Stephane Marchand-Maillet (University of Geneva, CH)				
5:00:00 PM	5:00 PM	BREAK				
5:15:00 PM	5:15 PM		John Kender, Columbia University	Panel	Panel - Imagery vocabulary, computer vision and machine learning for semantics and performance measures; Participants - Bilkent University, Dublin City University, University of Florence, Google-US, Hong Kong University of Science and Technology, Imperial College London, National University of Singapore	
5:30:00 PM						
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6:30:00 PM						

Friday, July 14, 2006						
Time	Start	Type	Chair	Topic	Title	Authors / Speaker
9:00:00 AM	9:00 AM	Oral	Tat-Seng Chua, National University of Singapore	Learning and Classification	"A Cascade of Unsupervised and Supervised Neural Networks for Natural Image Classification"	Julien Ros, Christophe Laurent, Gregoire Lefebvre (France Telecom R&D, FR)
9:15:00 AM					"Bayesian Learning of Hierarchical Multinomial Mixture Models of Concepts for Automatic Image Annotation"	Rui Shi, Tat-Seng Chua (National University of Singapore, SG); Chin-Hui Lee (Georgia Institute of Technology, US); Sheng Gao (Institute for Infocomm Research, SG)
9:30:00 AM						
9:45:00 AM						
10:00:00 AM						
10:15:00 AM	"Efficient Margin-based Rank Learning Algorithms for Information Retrieval"	Rong Yan, Alexander Hauptmann (Carnegie Mellon University, US)				
10:30:00 AM	10:30 AM	BREAK				
10:45:00 AM	10:45 AM	Oral	Alan Smeaton, Dublin City University	Image and Video Retrieval Metrics	"Leveraging Active Learning for Relevance Feedback using an Information Theoretic Diversity Measure"	Charlie Dagli, Shyamsundar Rajaram, Thomas Huang (University of Illinois at Urbana-Champaign, US)
11:00:00 AM					"Video Clip Matching using MPEG-7 descriptors and Edit Distance"	Marco Bertini, Alberto Del Bimbo, Walter Nunziati (Università di Firenze, IT)
11:15:00 AM						
11:30:00 AM						
11:45:00 AM						
12:00:00 PM	"Video Retrieval using High Level Features: Exploiting Query Matching and Confidence-based Weighting"	Shi-Yong Neo, Jin Zhao, Min-Yen Kan, Tat-Seng Chua (National University of Singapore, SG)				
12:15:00 PM	12:15 PM	Boaster	Hari Sundaram, Arizona State University	Boaster Session for ASU Poster Session		
12:30:00 PM	12:45 PM	Poster	Hari Sundaram, Arizona State University	ASU Poster Session (12:45PM - 2:30PM)		
12:45:00 PM						
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1:15:00 PM						
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2:00:00 PM						
2:15:00 PM						
					"Estimating The Physical Effort of Human Poses"	Yinpeng Chen, Hari Sundaram, Jodi James (Arts, Media and Engineering, Arizona State University)
					"Context-Aware Media Retrieval"	Ankur Mani, Hari Sundaram (Arts, Media and Engineering, Arizona State University)
					"Modular Design of Media Retrieval Workflows using ARIA"	Lina Peng, Gisik Kwon1, Yinpeng Chen, K. Selcuk Candan, Hari Sundaram, Karamvir Chatha (Arizona State University); Maria Luisa Sapino (University of Torino, Italy)
					"Image Rectification for Stereoscopic Visualization without 3D Glasses"	Jin Zhou, Baoxin Li (Department of Computer Science & Engineering, Arizona State University)
					"Human Movement Analysis for Interactive Dance"	Gang Qian, Jodi James, Todd Ingalls, Thanassis Rikakis, Stjepan Rajko, Yi Wang, Daniel Whiteley, Feng Guo (Arizona State University)
2:30:00 PM	2:30 PM		John R. Smith, IBM	Invited Practitioner Talk	"Embrace and Tame the Digital Content"	Gulrukh Ahanger Turner Broadcasting Systems
2:45:00 PM					Questions & Break	
3:00:00 PM						
3:15:00 PM	3:30 PM	Boaster	Nice Sebe, University of Amsterdam	Boaster Session for Demo Session		
3:30:00 PM						
3:45:00 PM	4:00 PM	Demo	Nice Sebe, University of Amsterdam	Demo Session (4:00PM - 5:30PM)		
4:00:00 PM						
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5:15:00 PM						
					"VideoSOM: A SOM-based Interface for Video Browsing"	Thomas B'arecke, Ewa Kijak (LIP6, Université Pierre et Marie Curie), Andreas N'urnberger (IWS, Otto-von-Guericke Universität), Marcin Detyniecki (LIP6, Université Pierre et Marie Curie)

		"iBase: Navigating Digital Library Collections"	Paul Brownel, Stefan Ruger(Imperial College London), Li-Qun Xu (BT Research), Daniel Heesch (Imperial College London)
		"Exploring The Dynamics of Visual Events In The Multi-Dimensional Semantic Concept Space"	Shahram Ebadollahi, Lexing Xie, Andres Abreu, Mark Podlaseck, Shih-Fu Chang, John R. Smith (IBM T.J. Watson Research Center)
		"Exploring the Synergy of Humans and Machines in Extreme Video Retrieval"	Alexander G. Hauptmann, Wei-Hao Lin, Rong Yan, Jun Yang, Robert V. Baron, Ming Yu Chen, Sean Gilroy, Michael D. Gordon (Carnegie Mellon University)
		"Efficient Summarizing of Multimedia Archives using Cluster Labeling"	Jelena Tesic, John R. Smith (IBM T. J. Watson Research Center)
		"Collaborative Concept Tagging for Images Based on Ontological Thinking"	Alireza Kashian, Prof. Robert Kheng Leng Gay, Abdul Halim Abdul Karim (Nanyang Technological University)
		"Multimodal Search for Effective Video Retrieval"	Apostol (Paul) Natsev (IBM T. J. Watson Research Center)
		"MediAssist: Using Content-Based Analysis and Context to Manage Personal Photo Collections"	Neil O'Hare, Hyowon Lee, Saman Cooray, Cathal Gurrin, Gareth J.F. Jones, Jovanka Malobabic, Noel E. O'Connor, Alan F. Smeaton, Bartlomiej Uscilowski (Dublin City University)
		"Mediamill: advanced browsing in news video archives"	Marcel Worring, Cees Snoek, Ork de Rooij Giang Nguyen, Richard van Balen, Dennis Koelma (University of Amsterdam)
		"A large scale system for searching and browsing images from the World Wide Web"	Alexei Yavlinsky, Daniel Heesch, Stefan Ruger (Imperial College London)
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Saturday, July 15, 2006						
Time	Start	Type	Chair	Topic	Title	Authors / Speaker
9:00:00 AM	9:00 AM		Milind Naphade, IBM	<i>Invited Practitioner Talk</i>	"Discovering a fish in a forest of trees. False positives and user expectations in visual retrieval. Experiments in CBIR and the Visual Arts"	Marty Harris Adobe Systems Incorporated
9:15:00 AM						
9:30:00 AM						
9:45:00 AM						
10:00:00 AM	10:00 AM	Oral	Alex Hauptmann, CMU	<i>Machine Tagging</i>	"Annotating News Video with Locations"	Jun Yang, Alexander Hauptmann (Carnegie Mellon University, US)
10:15:00 AM						
10:30:00 AM						
10:45:00 AM						
11:00:00 AM					"Finding People Frequently Appearing in News"	Derya Ozkan, Pinar Duygulu (Bilkent University, TR)
11:15:00 AM						
11:30:00 AM	11:30 AM	Close				
11:45:00 AM	11:45 AM	Boaster	Milind Naphade, IBM	Boaster Session for Poster Session #2		
12:00:00 PM						
12:15:00 PM	12:15 PM	Poster	Milind Naphade, IBM	Poster Session #2 (12:15PM = 2:00PM)		
12:30:00 PM						
12:45:00 PM						
1:00:00 PM						
1:15:00 PM						
1:30:00 PM						
1:45:00 PM						
					"Asymmetric Learning and Dissimilarity Spaces for Content-based Retrieval"	Eric Bruno, Nicolas Moenne-Loccoz, Stephane Marchand-Maillet (University of Geneva, CH)
					"Video Navigation based on Self-Organizing Maps"	Thomas Baerecke, Ewa Kijak (Universite Pierre et Marie Curie, FR); Andreas Nuernberger (Otto-von-Guericke Universitaet, DE); Marcin Detyniecki (Universite Pierre et Marie Curie, FR)
					"Fuzzy SVM Ensembles for Relevance Feedback in Image Retrieval"	Yong Rao, Padmavathi Mundur, Yelena Yesha (University of Maryland, Baltimore County, US)
					"Video Mining with Frequent Itemset Configurations "	Till Quack (ETH Zurich, CH); Vittorio Ferrari (LEAR INRIA Grenoble, FR); Luc Van Gool (ETH Zurich, CH)
					"Using High-level Semantic Features in Video Retrieval"	Zheng Wujie, Jianmin Li, Zhangzhang Si, Fuzong Lin, Bo Zhang (Tsinghua University, CN)
					"Recognizing objects and scenes in news videos"	Muhammet Bastan, Pinar Duygulu (Bilkent University, TR)
					"Face Retrieval in Broadcasting News Video By Fusing Temporal and Intensity Information"	Duy-Dinh Le (The Graduate University for Advanced Studies, JP); Shin'ichi Satoh, Michael Houle (National Institute of Informatics, JP)
					"Multidimensional Descriptor Indexing: Exploring the BitMatrix"	Catalin Calistru (INESC, Porto, PT); Cristina Ribeiro, Gabriel David (Faculdade de Engenharia da Universidade do Porto, PT)

"Natural Scene Image Modeling using Color and Texture Visterms"	Pedro Quelhas, Jean-Marc Odobez (IDIAP, CH)
"Online Image Retrieval System Using Long Term Relevance Feedback"	Lutz Goldmann, Lars Thiele, Thomas Sikora (Technische Universität Berlin, DE)
"Perceptual Distance Functions for Similarity Retrieval of Medical Images"	Joaquim Felipe, Caetano Traina-Jr, Agma J. Traina (University of Sao Paulo, BR)
"Using Score Distribution Models to Select the Kernel Type for a Web-based Adaptive Image Retrieval System (AIRS)"	Anca Doloc-Mihu, Vijay Raghavan (University of Louisiana at Lafayette, US)
"Semantics Supervised Cluster-based Index for Video Databases"	Zhiping Shi (Institute of Computing Technology, Chinese Academy of Sciences, China, CN); Qingyong Li (Beijing Jiaotong University, CN); Zhiwei Shi, Zhongzhi Shi (Institute of Computing Technology, Chinese Academy of Sciences, CN)
"Semi-Supervised Learning for Image Annotation based on Conditional Random Fields"	Wei Li (Tsinghua University, CN)
"NPIC: Hierarchical synthetic image classification using image search and generic features"	Fei Wang, Min-Yen Kan (National University of Singapore, SG)