



ACM International Conference on
Multimedia Retrieval,
Hong Kong, Jun. 5 - 8, 2012



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Technical Program:

Program at a glance:

(CMC: [Run Run Shaw Creative Media Centre, City University of Hong Kong](#); **Hotel:** [Kowloon Shangri-La](#))

<u>Venue</u>	<u>CMC</u>	<u>Hotel</u>	<u>Hotel (AM); CMC (PM)</u>	<u>Hotel</u>
<u>Date</u>	<u>June 5 (Tue)</u>	<u>June 6 (Wed)</u>	<u>June 7 (Thur)</u>	<u>June 8 (Fri)</u>
	<u>Day-0:</u>	<u>Day-1:</u>	<u>Day-2:</u>	<u>Day-3: Main Conference /</u>
	<u>Tutorial</u>	<u>Main Conference</u>	<u>Main Conference</u>	<u>Practitioner Day</u>
08:30am		Registration		
08:45am	Registration	Welcome	Registration	Registration
09:00am	Tutorial 1 & 2	Keynote-1	Keynote-2	Keynote-3
09:20am				
09:40am				
10:00am		Coffee Break	Coffee Break	Boaster Session (Demo)
10:20am	Coffee Break	Oral 1	Oral 4	Coffee Break & Demo Setup
10:40am		Annotation and	Machine Learning and	Demo Session
11:00am		Classification	Hashing for Multimedia	
11:20am			Retrieval	
11:40am				
12:00pm		Lunch	Lunch	Lunch
12:20pm				
12:40pm				
1:00pm			Bus departs at 1pm	
1:20pm			to CMC, CityU	
1:40pm		Oral 2	Best Paper Session	Industrial Sessions
2:00pm	Tutorial 1 & 3	Near-duplicate and		"Liang An San Di"
2:20pm		Copy Detection		Perspective
2:40pm				
3:00pm				
3:20pm	Coffee Break	Coffee Break	Coffee Break	Coffee Break
3:40pm		Special Session 1	Special Session 2	Panel Discussion
4:00pm		Social Events in	Socio-Video Semantics	"Where is the user in
4:20pm		Web Multimedia		Multimedia Retrieval?"
4:40pm				Closing Ceremony
5:00pm		Oral 3	Poster Session	
5:20pm		Fresh Views on		
5:40pm		Multimedia Retrieval		
6:00pm				
6:20pm				
6:40pm				
7:30pm		Reception: <i>The Kowloon Room,</i> <i>Kowloon Shangri-La</i>	Banquet: <i>House of Canton,</i> <i>LG2-40, Festival Walk</i>	

Detailed program:

Keynote-1: Cortically-Coupled Computing for Media Retrieval (Paul Sajda, Columbia University) Session Chair: Alan Smeaton (Dublin City University)	
Keynote-2: Aggregating Local Image Descriptors for Large-scale Image Retrieval and Classification (Cordelia Schmid, INRIA) Session Chair: Yong Rui (Microsoft)	
Keynote-3: The Road to Pervasive Multimedia Search and Multimodal Interaction (Hsiao-Wuen Hon, Microsoft Research Asia) Session Chair: Qing Li (City University of Hong Kong)	
Best Paper Session Chair: Chong-Wah Ngo (City University of Hong Kong)	
32	High-Confidence Near-Duplicate Image Detection. (best paper candidate) Wei Dong, Zhe Wang, Kai Li
155	Beyond Audio and Video Retrieval: Towards Multimedia Summarization. (best paper candidate) Duo Ding, Florian Metze, Shourabh Rawat, Peter Schulam, Susanne Burger, Ehsan Younessian, Lei Bao, Mike Christel, Alex Hauptmann
23	Name that sculpture. (best paper candidate) Relja Arandjelovic, Andrew Zisserman
86	Fusing Concept Detection and Geo Context for Visual Search. (best paper candidate) Xirong Li, Cees Snoek, Marcel Worring, Arnold W.M. Smeulders
Oral 1: Annotation and Classification Chair: Benard Merialdo (Eurecom France)	
123	Multi-Modal Region Selection Approach for Training Object Detectors. Elisavet Chatzilari, Spiros Nikolopoulos, Yiannis Kompatsiaris, Josef Kittler
7	Classification based Group Photo Retrieval with Bag of People Features. Kazuya Shimizu, Yujiro Nakai, Naoko Nitta, Noboru Babaguchi
63	SUPER: Towards Real-time Event Recognition in Internet Videos. Yu-Gang Jiang
168	All Vehicles are Cars: Subclass Preferences in Container Concepts. Daan Vreeswijk, Koen E.A. van de Sande, Cees Snoek, Arnold W.M. Smeulders
Oral 2: Near-duplicate and Copy Detection Chair: Clement Chia (Nanyang Technological University, Singapore)	
75	Security-Oriented Picture-In-Picture Visual Modifications. Thanh-Toan Do, Laurent Amsaleg, Ewa Kijak, Teddy Furon
80	Efficient Video Copy Detection via Aligning Video Signature Time Series. Jennifer Ren, Fangzhe Chang, John Zhang, Thomas Wood
92	Bayesian approach for near-duplicate image detection. Lucas Bueno, Eduardo Valle, Ricardo Torres
91	Constrained Keypoint Quantization: Towards Better Bag-of-Words Model for Large-scale Multimedia Retrieval. Yang Cai, Wei Tong, Linjun Yang, Alex Hauptmann
Oral 3: Fresh Views on Multimedia Retrieval Chair: Marcel Worring (University of Amsterdam)	
38	Content is Still King: The Effect of Neighbor Voting Schemes on Tag Relevance for Social Image Retrieval. Ba Quan Truong, Aixin Sun, Sourav Bhowmick
40	BECAUSE NOT ALL DISPLAYS ARE LISTS!. Simone Santini
99	Analysing Facebook Features to Support Event Detection for Photo-Based Facebook Applications. Mohamad Rabbath, Philipp Sandhaus, Susanne Boll
135	Watching and Talking: Media Content as Social Nexus. David Shamma, Lyndon Kennedy, Elizabeth Churchill
Oral 4: Machine Learning and Hashing for Multimedia Retrieval Chair: Yiannis Kompatsiaris (CERTH-ITI Greece)	

26	Ordinal Preserving Projection: A Novel Dimensionality Reduction Method for Image Ranking. Changsheng Li, Yan Liu, Qingshan Liu, Jing Liu, Changsheng Xu, Hanqing Lu
133	Compact Hashing for Mixed Image-Keyword Query over Multi-Label Images. Xianglong Liu, Yadong Mu, Bo Lang, Shih-Fu Chang
156	Hamming Embedding Similarity-based Image Classification. Mihir Jain, Rachid Benmokhtar, Patrick Gros, Hervé Jegou
76	Exploring Two Spaces With One Feature: Kernelized Multidimensional Modeling of Visual Alphabets. Miriam Redi, Bernard Merialdo
Special Session 1: Social Events in Web Multimedia Chair: Benoit Huet (Eurecom France)	
22	Social Event Detection and Retrieval in Collaborative Photo Collections. Markus Brenner, Ebroul Izquierdo
73	Event-based Classification of Social Media Streams. Timo Reuter, Philipp Cimiano
113	Social Event Detection using Multimodal Clustering and Integrating Supervisory Signals. Georgios Petkos, Symeon Papadopoulos, Yiannis Kompatsiaris
Special Session 2: Socio-Video Semantics Chair: Yu-Gang Jiang (Fudan University, China)	
56	Linking Visual Concept Detection with Viewer Demographics. (best paper candidate) Adrian Ulges, Markus Koch, Damian Borth
107	Cross-Modal Categorisation of User-Generated Video Sequences. Sebastian Schmiedeke, Pascal Kelm, Thomas Sikora
147	Making a Scene: Alignment of Complete Sets of Clips based on Pairwise Audio Match. Kai Su, Mor Naaman, Avadhut Gurjar, Mohsin Patel, Dan Ellis
Poster Session Chairs: Keiji Yanai (University of Electro-Communications), Yan Liu (The Hong Kong Polytechnic University)	
2	Visual Pattern Discovery for Architecture Image Classification and Product Image Search. Wei-Ta Chu, Ming-Hung Tsai
3	Learning to Summarize Web Image and Text Mutually. Piji Li, Jun Ma, Shuai Gao
8	An Extensible Personal Photograph Collection for Graded Relevance Assessments and User Simulation. David Zellmer
10	MUSICAL KEYS AND CHORDS DETECTION USING SEMI-SUPERVISED LEARNING WITH INFINITE GAUSSIAN MIXTURE. Yun-Sheng Wang, Harry Wechsler
13	Contour Canonical Form: An Efficient Intrinsic Embedding Approach to Matching Non-rigid 3D Objects. Xu-Lei Wang, Hongbin Zha
17	Semiconducting Bilinear Deep Learning for Incomplete Image Recognition. Shenghua ZHONG, Yan Liu, Fu-lai Chung, Gangshan Wu
19	Color CENTRIST: A Color Descriptor for Scene Categorization. Wei-Ta Chu, Chih-Hao Chen.
24	Video Retrieval by Mimicking Poses. Nataraj Jammalamadaka, Andrew Zisserman, Marcin Eichner, Vittorio Ferrari, Jawahar C. V.
30	Multi-Graph Multi-Instance Learning for Object-Based Image and Video Retrieval. Fei Li, Rujie Liu
41	Efficient Graffiti Image Retrieval. Chunlei Yang, Pak Chung Wong, William Ribarsky, Jianping Fan

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55	Multimodal Feature Generation Framework for Semantic Image Classification. Amel ZNAIDIA, Aymen Shabou, Adrian Popescu, Herve Le Borgne, Celine Hudelot
61	Joint Audio-Visual Bi-Modal Codewords for Video Event Detection. Guangnan Ye, I-Hong Jhuo, Dong Liu, Yu-Gang Jiang, Shih-Fu Chang
64	ImageTerrier: An extensible platform for scalable high-performance image retrieval. Jonathon Hare, Sina Samangooei, David Dupplaw, Paul Lewis
67	Indexing Media by Personal Events. Javier Paniagua, Ivan Tankoyeu, Julian StÄ¶ttinger, Fausto Giunchiglia
68	Labelset Anchored Subspace Ensemble (LASE) for Multi-label Annotation. Tianyi Zhou, Dacheng Tao
94	Distributed KNN-Graph approximation via Hashing Mohamed Riadh Trad, Alexis Joly, Nozha Boujemaa
114	Deriving Discriminative Color Model for a Given Object Class from Weakly Labeled Training Data. Christian Ries, Rainer Lienhart
115	Quantity versus Quality – The role of layout complexity in thumbnail based video retrieval interfaces. Wolfgang HÄ¼rst, Dimitri Darzentas
132	Geo-based Automatic Image Annotation. Hatem Mousselly Sergieh, Mario DÄ¶llner, Elod Egyed-Zsigmond, gabriele Gianini, Harald Kosch, Jean-Marie Pinon
136	Boosting Saliency Detection with Robust Temporal Alignment and Local-Global Spatial Contrast. Zhixiang Ren, Liang-Tien Chia, deepu Rajan
138	Discovering Inherent Event Taxonomies from Social Media Collections. Minh Son Dao, Giulia Boato, Francesco De Natale
139	Advanced shape context for plant species identification using leaf image retrieval. Sofiene Mouine, Itheri Yahiaoui, Anne Verroust-Blondet
149	Classifier-specific Intermediate Representation for Multimedia Tasks. Zhigang Ma, Yi Yang, Alex Hauptmann, Nicu Sebe
152	Multimodal Knowledge-based Analysis in Multimedia Event Detection. Ehsan Younessian, Teruko Mitamura, Alex Hauptmann
154	Large Vocabulary Quantization for Searching Instances from Videos. Cai-Zhi ZHU, Shin'ichi Satoh
157	A Visual Approach for Video Geocoding using Bag-of-Scenes. Otavio Penatti, Lin Li, Jurandy Almeida, Ricardo Torres
160	A RELIEF-Based Modality Weighting Approach for Multimodal Information Retrieval. Turgay YILMAZ, Elvan GULEN, Adnan YAZICI, Masaru KITSUREGAWA
161	Supervised Dictionary Learning for Music Information Retrieval. Chin-Chia Yeh, Yi-Hsuan Yang
170	Image Retrieval Using Multimodal Fusion based on Matrix Factorization. Juan Caicedo, Fabio GonzÄ¼lez
Demo Session	
Chairs: Yiannis Kompatsiaris (CERTH-ITI Greece), Cees Snoek (University of Amsterdam)	
9	nepDroid: An Intelligent Mobile Music Player. Sebastian Huber, Markus Schedl, Peter Knees
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51	PythiaSearch -- A Multiple Search Strategy-supportive Multimedia Retrieval System. David Zellh�fer, Maria Bertram, Thomas B�ttcher, Christoph Schmidt, Claudius Tillmann, Ingo Schmitt
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90	Texmix: An automatically generated news navigation portal. Morgan Brenhinier, Sebastien Campion, Guillaume Gravier
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128	World Seer : A Realtime Geo-Tweet Photo Mapping System. Keiji Yanai
134	Image Exploration Using Online Feature Extraction and Reranking. Jakub Lokoc, Tomas Grosup, Tomas Skopal
169	Active learning of custom sound taxonomies in unstructured audio data. Gerard Roma, Jordi Janer, Perfecto Herrera

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