

Technical Program Overview

Mon. Oct.19	Tutorials day		
	Opal Room @ Raffles	Sapphire Room @ Raffles	Amethyst Room @ Raffles
8:00 - 17:00	Registration (Level 2 of Beijing Hotel)		
8:30 - 12:00	T1	T3	T5
12:00 - 14:00	Lunch (on your own)		
14:00 - 17:30	T2	T4	T6

T1: Content-based and Concept-based Retrieval for Large-Scale Image/Video Collections *Rong Yan (IBM T.J. Watson Research Center, USA); Winston H. Hsu(National Taiwan University, China)*

T2: Music Information Retrieval - Theory and Applications *George Tzanetakis (University of Victoria, Canada)*

T3: Parallel Algorithms for Mining Large-scale Rich-media Data *Edward Y. Chang (Google Research, China); Hongjie Bai (Google Research, China); Kaihua Zhu (Google Research, China)*

T4: The Future Internet and its Prospects for Distributed Multimedia Systems and Applications *Thomas Plagemann (University of Oslo, Norway); Vera Goebel (University of Oslo, Norway)*

T5: Ambient Media, Ambient Media Computation, and Media Technology Beyond the Current State *Artur R Lugmayr (Tampere University of Technology, Finland)*

T6: Multimedia Aspects in Health Care *B. Prabhakaran (University of Texas at Dallas, USA); Duk-Jin Kim (University of Texas at Dallas, USA)*

Tue. Oct. 20	1st Conference day				
	Opal Room @ Raffles	Sapphire Room @ Raffles	Amethyst Room @ Raffles	Meeting Room 8024 @ Beijing Hotel	Multi function Hall @ Beijing Hotel
8:00 - 17:00	Registration (Level 2 of Beijing Hotel)				
8:45 - 9:00	Opening Remark (Jewel Room)				
9:00 - 10:00	Keynote (Jewel Room) <i>Hong-Jiang Zhang - Multimedia Content Analysis and Search: New perspectives and approaches</i>				
10:00 - 10:30	Coffee Break				
10:30 - 12:30	C1: Image Retrieval	A1: Interactive Applications	S1: Mobile Devices and Hardware/ Sensor Support	C5: Audio and Music	Content Track Short Papers Session 1: Content Analysis
12:30 - 14:00		TOMCCAP Meeting, lunch included	Lunch (on your own)		
14:00 - 15:30	C2: Content Analysis Applications	SIGMM Exec Committee Meeting	A3: Information Summarization	Interactive Art Program Track 1: Virtual	Content Track Short Papers Session 2: Content Analysis and HCM
15:30 - 16:00	Coffee Break				
16:00 - 16:15	SIGMM Technical Achievement Award (Jewel Room)				
16:15-17:45	Brave New Topics (Jewel Room) <i>Non-Conventional Media Interaction Paradigms</i>				

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19:00 - 21:00	Conference Reception (Beijing Film Academy)				
Wed. Oct. 21	2nd Conference day				
	Opal Room @ Raffles	Sapphire Room @ Raffles	Amethyst Room @ Raffles	Meeting Room 8024 @ Beijing Hotel	Multi function Hall @ Beijing Hotel
8:00 - 17:00	Registration (Level 2 of Beijing Hotel)				
9:00 - 10:00	Panel (Jewel Room) <i>Multimedia Content Analysis: Model-based Approaches vs. Data-driven Approaches</i>				
10:00 - 10:30	Coffee Break				
10:30 - 12:30	Best Paper Session (Jewel Room)				
12:30 - 14:30	SIGMM Business Meeting & Lunch (Open to all, and lunch is provided to full registration participants at Quanjude Beijing Duck Restaurant)				
14:30 - 16:00	C3: Image Annotation and Tagging	S2: Media Streaming and Media Content Distribution	Doctoral Symposium	Interactive Art Program Track 2: Natural	Technical Demonstration session 1
16:00 - 16:30	Coffee Break				
16:30 - 18:00	Multimedia Grand Challenge (Jewel Room)				
19:00 - 22:00	Conference Banquet (Beijing Hotel)				

Thu. Oct. 22	3rd Conference day				
	Opal Room @ Raffles	Sapphire Room @ Raffles	Amethyst Room @ Raffles	Meeting Room 8024 @ Beijing Hotel	Multi function Hall @ Beijing Hotel
8:00 - 17:00	Registration (Level 2 of Beijing Hotel)				
9:00 - 10:00	Keynote (Jewel Room) <i>Touradj Ebrahimi - Quality of Multimedia Experience :Past, Present and Future</i>				
10:00 - 10:30	Coffee Break				
10:30 - 12:30	C4: Video Analysis	A2: Context Awareness	H1: Human- Centered Multimedia	Video Program	Applications Track Short Papers Session: Applications and Systems
12:30 - 14:00		Springer MMSJ Meeting, lunch included	Lunch (on your own)		
14:00 - 15:30	Panel (Jewel Room) <i>Mobile Media Search: Has Media Search Finally Found its Perfect Platform?</i>				
15:30 - 16:00	Coffee Break				

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16:00 - 17:30	C6: Learning and Concept Detection	S3+H2: 3D Mesh Streaming	Open Source Software Competition	Interactive Art Program Track 3: Visual	Technical Demonstration Session 2
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Technical Program

Day 1: Tuesday, October 20, 2009

<p>Opening Remark <i>Tuesday October 20, 2009 8:45-9:00 Hall: Jewel Room</i></p>
<p>Keynote 1 <i>Session Chair: Wen Gao (Peking University, China)</i> <i>Tuesday October 20, 2009 9:00-10:00 Hall: Jewel Room</i></p>
<p>Multimedia Content Analysis and Search: New perspectives and approaches <i>Hong-Jiang Zhang (Microsoft ATC, China)</i></p>
<p>10:00 - 10:30 Coffee Break</p>
<p>Content Track C1: Image Retrieval <i>Session Chair: Qi Tian (Microsoft Research Asia, China)</i> <i>Tuesday October 20, 2009 10:30-12:30 Hall: Opal Room @ Raffles</i></p>
<p>Convex Experimental Design Using Manifold Structure for Image Retrieval: <i>Lijun Zhang, Chun Chen, Wei Chen, Jiajun Bu, Deng Cai, Xiaofei He</i></p>
<p>Using Large-Scale Web Data to Facilitate Textual Query Based Retrieval of Consumer Photos: <i>Yiming Liu, Dong Xu, Ivor W. Tsang, Jiebo Luo</i></p>
<p>Query Expansion for Hash-based Image Object Retrieval: <i>Yin-Hsi Kuo, Kuan-Ting Chen, Chien-Hsing Chiang, Winsto Hsu</i></p>
<p>Descriptive Visual Words and Visual Phrases for Image Applications: <i>Shiliang Zhang, Qi Tian, Gang Hua; Qingming Huang, Shipeng Li</i></p>
<p>Application Track A1: Interactive Applications <i>Session Chair: Thomas Haenselmann (University of Mannheim, Germany)</i> <i>Tuesday October 20, 2009 10:30-12:30 Hall: Sapphire Room @ Raffles</i></p>
<p>i-m-Tube: an Interactive Multi-Resolution Tubular Display: <i>Jinyao Lin, Yen-Yu Chen, Ju-Chun Ko, HuiShan Kao, Wei-Han Chen, Tsun-Hung Tsai, Su-Chu Hsu, Yi-Ping Hung</i></p>
<p>Identifying News Videos' Ideological Perspectives Using Emphatic Patterns of Visual Concepts: <i>Wei-Hao Lin, Alexander Haputmann</i></p>
<p>RESound: Interactive Sound Rendering for Dynamic Virtual Environments: <i>Micah T Taylor, Anish Chandak, Lakulish Antani, Dinesh Manocha</i></p>
<p>Multiple Exhibition Devices in DTV Systems: <i>Luiz Fernando Gomes Soares, Romualdo M. R. Costa, Marcio Ferreira Moreno, Marcelo Ferreira Moreno</i></p>
<p>System Track S1: Mobile Devices and Hardware/Sensor Support <i>Session Chair: Carsten Griwodz (University of Oslo, Norway)</i> <i>Tuesday October 20, 2009 10:30-12:30 Hall: Amethyst Room @ Raffles</i></p>
<p>Scalable Computation for Spatially Scalable Video Coding Using NVIDIA CUDA and Multi-core CPU: <i>Yen-Lin Huang, Yun-Chung Shen, Ja-Ling Wu</i></p>
<p>Streaming HD H.264 Encoder on Programmable Processors: <i>Nan Wu, Mei Wen, Wei Wu, Ju Ren, Huayou Su, Changqing Xun, Chunyuan Zhang</i></p>
<p>SaVE: Sensor-assisted Motion Estimation for Efficient H.264/AVC Video Encoding: <i>Xiaoming Chen, Zhendong Zhao, Ahmad Rahmati, Ye Wang, Lin Zhong</i></p>
<p>Real-Time Remote Rendering of 3D Video for Mobile Devices: <i>Shu Shi, Won J. Jeon, Klara Nahrstedt, Roy H. Campbell</i></p>
<p>Content Track Session C5: Audio and Music <i>Session Chair: Zhengyou Zhang (Microsoft Research, USA)</i> <i>Tuesday October 20, 2009 10:30-12:30 Hall: Meeting Room 8024 @ Beijing Hotel</i></p>
<p>Unfolding Speaker Clustering Potential: A Biomimetic Approach: <i>Thilo Stadelmann, Bernd Freisleben</i></p>

Visual Speaker Localization Aided by Acoustic Models: <i>Gerald Friedland, Chuohao Yeo, Hayley Hung</i>
Changing Timbre and Phrase in Existing Musical Performances as You Like: Manipulations of Single Part Using Harmonic and Inharmonic Models: <i>N Yasuraoka, T Abe, K Itoyama, T Takahashi, T Ogata, H G Okuno</i>
Comprehensive Query-Dependent Fusion using Regression-on-Folksonomies: A Case Study of Multimodal Music Search: <i>Bingjun Zhang, Qiaoliang Xiang, Huanhuan Lu, Jialie Shen, Ye Wang</i>
Content Track Short Papers Session 1: Content Analysis <i>Session Chair: Marcel Worring (University of Amsterdam, The Netherlands)</i> <i>Tuesday October 20, 2009 10:30-12:30 Hall: Multi function Hall @ Beijing Hotel</i>
A General Framework for Automatic On-line Replay Detection in Sports Video: <i>Bo Han, Yan Yan, Zhenghua Chen, Chang Liu, Weiguo Wu</i>
Localizing Volumetric Motion for Action Recognition in Realistic Videos: <i>Xiao Wu, Chong-Wah Ngo, Jintao Li, Yongdong Zhang</i>
Feature Classification for Representative Photo Selection: <i>Wei-Ta Chu, Chia-Hung Lin, Jen-Yu Yu</i>
Visual Localization of Non-stationary Sound Sources: <i>Yuyu Liu, Yoichi Sato</i>
Incorporating Camera Metadata for Attended Region Detection and Consumer Photo Classification: <i>Zhong Li, Hangzai Luo, Jianping Fan</i>
Semi-Supervised Topic Modeling for Image Annotation: <i>Yuanlong Shao, Yuan Zhou, Xiaofei He, Deng Cai, Hujun Bao</i>
Boosting 3D Object Retrieval by Object Flexibility: <i>Boqing Gong, Chunjing Xu, Jianzhuang Liu, Xiaoou Tang</i>
Auto-cut for Web Images: <i>Zhuoyuan Chen, Lifeng Sun, Shiqiang Yang</i>
CoBoost Learning of Visual Categories with 1st and 2nd Order Features from Google Images: <i>Xi Liu, Zhiping Shi, Zhixin Li, Zhongzhi Shi</i>
Video Completion via Motion Guided Spatial-Temporal Global Optimization: <i>Ming Liu, Shifeng Chen, Jianzhuang Liu, Xiaoou Tang</i>
Photo Assessment based on Computational Visual Attention Model: <i>Xiaoshuai Sun, Hongxun Yao, Rongrong Ji, Shaohui Liu</i>
Interactive Objects Retrieval with Efficient Boosting: <i>Saloua LITAYEM, Alexis JOLY, Nozha BOUJEMAA</i>
Near-Duplicate Video Matching with Transformation Recognition: <i>Zhipeng Wu, Shuqiang Jiang, Qingming Huang</i>
Visual Attention Analysis by Pseudo Gravitational Field: <i>Yezhou Yang, Mingli Song, Na Li, Jiajun Bu, Chun Chen</i>
Locally Non-negative Linear Structure Learning for Interactive Image Retrieval: <i>Lei Bao, Juan Cao, Tian Xia, Yong-Dong Zhang, Jintao Li</i>
Perceptual Quality Assessment Based on Visual Attention Analysis: <i>Junyong You, Andrew Perkis, Miska M. Hannuksela, Moncef Gabbouj</i>
Latent Topic Driving Model for Movie Affective Scene Classification: <i>Go Irie, Kota Hidaka, Takashi Satou, Akira Kojima, Toshihiko Yamasaki, Kiyoharu Aizawa</i>
Automatic Facial Expression Recognition on a Single 3D Face by Exploring Shape Deformation: <i>Boqing Gong, Yueming Wang, Jianzhuang Liu, Xiaoou Tang</i>
Tag Refinement by Regularized LDA: <i>Hao Xu, Jingdong Wang, Xian-Sheng Hua, Shipeng Li</i>
Tensor Distance based Multilinear Multidimensional Scaling for Image and Video Analysis: <i>Yang Liu, Yan Liu</i>
Logo Retrieval with A Contrario Visual Query Expansion: <i>alexis joly, olivier buisson</i>
Automatic Role Recognition in Multiparty Recordings Using Social Networks and Probabilistic Sequential Models: <i>Sarah Favre, Alfred Dielmann, Alessandro Vinciarelli</i>
Vocabulary-based Hashing for Image Search: <i>Yingyu Liang, Jianmin Li, Bo Zhang</i>
Automatic and Instant Ring Tone Generation Based on Music Structure Analysis: <i>Tong Zhang, Chee Keat Fong, Linxing Xiao, Jie Zhou</i>
Face Based Image Navigation and Search: <i>Tong Zhang, Jun Xiao, Di Wen, Xiaoqing Ding</i>

Detecting Pornographic Video Content by Combining Image Features with Motion Information: <i>Christian Jansohn, Adrian Ulges, Thomas M. Breuel</i>
Semantic Video Search using Natural Language Queries: <i>Asaad Hakeem, Mun Wai Lee, Omar Javed, Niels Haering</i>
Automatic, Efficient, Temporally-Coherent Video Enhancement for Large Scale Applications: <i>George D Toderici, Jay Yagnik</i>
What is a Complete Set of Keywords for Image Description & Annotation on the Web: <i>Xianming Liu, Hongxun Yao, Rongrong Ji, Pengfei Xu, Xiaoshuai Sun</i>
Temporal Spectral Residual: Fast Motion Saliency Detection: <i>Xinyi Cui, Qingshan Liu, Dimitris Metaxas</i>
Event Recognition from Photo Collections via PageRank: <i>Naveed Imran, Jingen Liu, Jiebo Luo, Mubarak Shah</i>
Visual Language Model for Face Clustering in Consumer Photos: <i>Wei-Ta Chu, Ya-Lin Lee, Jen-Yu Yu</i>
Face Image Modeling by Multilinear Subspace Analysis with Missing Values: <i>Xin Geng, Kate Smith-Miles, Zhi-Hua Zhou, Liang Wang</i>
12:30 – 14:00 Lunch
Content Track C2: Content Analysis Applications <i>Session Chair: Shuicheng Yan (National University of Singapore, Singapore)</i> <i>Tuesday October 20, 2009 14:00-15:30 Hall: Opal Room @ Raffles</i>
Web Image Mining Towards Universal Age Estimator: <i>Bingbing Ni, Zheng Song, Shuicheng Yan</i>
Novel Stream Mining for Audio Steganalysis: <i>Qingzhong Liu, Andrew H. Sung, Mengyu Qiao</i>
Mining City Landmarks from Blogs by Graph Modeling: <i>Rongrong Ji, Xing Xie, Hongxun Yao, Wei-Ying Ma</i>
Applications Track A3: Information Summarization <i>Session Chair: Tao Mei (Microsoft Research Asia, China)</i> <i>Tuesday October 20, 2009 14:00-15:30 Hall: Amethyst Room @ Raffles</i>
Manipulating Lossless Video in the Compressed Domain: <i>William Thies, Steven Hall, Saman Amarasinghe</i>
Local Summarization and Multi-Level LSH for Retrieving Multi-Variant Audio Tracks: <i>Yi Yu, Michel Crucianu, Vincent Oria, Lei Chen</i>
Near-Lossless Video Summarization: <i>Lin-Xie Tang, Tao Mei, Xian-Sheng Hua</i>
Interactive Art Program Track 1: Virtual <i>Session Chair: Frank Nack (University of Amsterdam, The Netherlands)</i> <i>Tuesday October 20, 2009 14:00-15:30 Hall: Meeting Room 8024 @ Beijing Hotel</i>
Tabula ex-cambio: <i>Vincenzo Lombardo, Andrea Valle, Fabrizio Nunnari</i>
Concept, Content and the Convict: <i>Mika Lumi Tuomola, Teemu Korpilahti, Jaakko Pesonen, Abhigyan Singh, Robert Villa, P. Punitha, Yue Feng, Joemon M. Jose</i>
Content Track Short Papers Session 2: Content Analysis and HCM <i>Session Chair: Vidya Setlur (Nokia Research)</i> <i>Tuesday October 20, 2009 14:00-15:30 Hall: Multi function Hall @ Beijing Hotel</i>
A Compact, Effective Descriptor for Video Copy Detection: <i>Mei-Chen Yeh, Kwang-Ting Cheng</i>
Secure and Robust SIFT: <i>Chao-Yung Hsu, Chun-Shien Lu, Soo-Chang Pei</i>
Preserving Topological Information in Sub-Trajectories-based Representation for Spatio-Temporal Trajectories Indexing and Retrieval: <i>Minh-Son Dao, Ishan Nath Sharma, Noboru Babaguchi</i>
Distribution-based Concept Selection for Concept-based Video Retrieval: <i>Juan Cao, HongFang Jing, Chong-Wah Ngo, YongDong Zhang</i>
Webpage Segmentation for Extracting Images and Their Surrounding Contextual Information: <i>Fariza Fauzi, Jer-Lang Hong, Mohammed Belkhatir</i>
Automatic Sports Genre Categorization and View-type Classification over Large-scale Dataset: <i>Lingfang Li, Ning Zhang, Lingyu Duan, Qingming Huang, Jun Du, Ling Guan</i>

Lightweight Web Image Reranking: <i>Adrian Popescu, Pierre-Alain Moëllic, Ioannis Kanellos, Rémi, Landais</i>
Visual Categorization with Negative Examples for Free: <i>Xirong Li, Cees G. M. Snoek</i>
Multi-modal Scene Segmentation Using Scene Transition Graphs: <i>Panagiotis Sidiropoulos, Vasileios Mezaris, Ioannis Kompatsiaris, Hugo Meinedo, Isabel Trancoso</i>
Sensation-based Photo Cropping: <i>Masashi Nishiyama, Takahiro Okabe, Yoichi Sato, Imari Sato</i>
Deep Exploration for Experiential Image Retrieval: <i>Bart Thomee, Mark J. Huiskes, Erwin Bakker, Michael S. Lew</i>
Adaptive, Selective, Automatic Tonal Enhancement of Faces: <i>Hrishikesh Aradhye, George Toderici, Jay Yagnik</i>
Investigating the use of Visual Focus of Attention for Audio-Visual Speaker Diarisation: <i>Giulia Garau, Sileye Ba, Herve Bourlard, Jean-Marc Odobez</i>
An Interactive and Multi-level Framework for Summarising User Generated Videos: <i>Saman H. Cooray, Herve Bredin, Li-Qun Xu, Noel E. O'Connor</i>
Image Co-clustering with Multi-modality Features and User Feedbacks: <i>Yanhua Chen, Ming Dong, Wanggen Wan</i>
Transfer Non-metric Measures into Metric for Similarity Search: <i>Danzhou Liu, Kien A. Hua</i>
Signature Quadratic Form Distances for Content-Based Similarity: <i>Christian Beecks, Merih Seran Uysal, Thomas Seidl</i>
Fast Near Duplicate Detection for Personal Image Collections: <i>Feng Tang, Yuli Gao</i>
Improving Automatic Music Tag Annotation Using Stacked Generalization Of Probabilistic SVM Outputs: <i>Steven R Ness, Anthony Theocharis, Luis Gustavo Martins, George Tzanetakis</i>
Close & Closer: Social Cluster and Closeness from Photo Collections: <i>Peng Wu, Dan Tretter</i>
SVR-based Music Mood Classification and Context-based Music Recommendation: <i>Seungmin Rho, Byeong-jun Han, Eenjun Hwang</i>
Image Completion Using Structural Priority Belief Propagation: <i>Yingzhen Yang, Yin Zhu, Qunsheng Peng</i>
VideoMule: A Consensus Learning Approach to Multi-Label Classification from Noisy User-Generated Videos: <i>Chandrasekar Ramachandran, Rahul Malik, Xin Jin, Jing Gao, Klara Nahrstedt, Jiawei Han</i>
Query Aware Visual Similarity Propagation for Image Search Reranking: <i>Li Wang, Linjun Yang, Xinmei Tian</i>
Automated localization of affective objects and actions in images via caption text-cum-eye gaze analysis: <i>Ramanathan Subramanian, Harish Katti, Raymond Huang, Chua Tat-Seng, Mohan Kankanhalli</i>
Automatic Prediction of Individual Performance from Thin Slices of Social Behavior: <i>Bruno Lepri, Nadia Mana, Alessandro Cappelletti, Fabio Pianesi</i>
Routine Classification through Sequence Alignment: <i>Driss Choujaa, Naranker Dulay</i>
Comparing Fact Finding Tasks and User Survey for Evaluating a Video Browsing Tool: <i>Werner Bailer, Herwig Rehatschek</i>
Interactive 3D Caricature Generation Based on Double Sampling: <i>Jinjing Xie, Yiqiang Chen, Junfa Liu, Chunyan Miao, Xingyu Gao</i>
W2ANE: When Words Are Not Enough ----- Online Multimedia Language Assistant for People with Aphasia: <i>Xiaojuan Ma, Sonya Nikolova, Perry R. Cook</i>
Feature Selection for Fast Speech Emotion Recognition: <i>Luming Zhang, Mingli Song, Na Li, Jiajun Bu, Chun Chen</i>
FreeEye - Interactive Intuitive Interface for Large-scale Image Browsing: <i>Kan Ren, Janko Calic</i>
Motion-Path based Gesture Interaction with Smart Home Services: <i>ASM Mahfujur Rahman, M. Anwar Hossain, Jorge Parra, Abdulmotaleb El Saddik</i>
An Active Learning Approach for Segmenting Human Activity Datasets: <i>Liyue Zhao, Gita Sukthankar</i>
15:30 – 16:00 Coffee Break
SIGMM Technical Achievement Award <i>Session Chair: Klara Nahrstedt (University of Illinois, Urbana-Champaign, USA)</i> <i>Tuesday October 20, 2009 16:00-16:15 Hall: Jewel Room</i>

<p>Brave New Topic: Non-Conventional Media Interaction Paradigms <i>Session Chair: Shih-Fu Chang (Columbia University, USA) and Lexing Xie (IBM Research, USA)</i> <i>Tuesday October 20, 2009 16:15-17:45 Hall: Jewel Room</i></p>
<p>Beyond Flat Surface Computing: Challenges of Depth-Aware and Curved Interfaces: <i>Hrvoje Benko</i></p>
<p>Brain State Decoding for Rapid Image Retrieval: <i>Jun Wang, Eric Pohlmeier, Barbara Hanna, Yu-Gang Jiang, Paul Sajda, Shih-Fu Chang</i></p>
<p>Panel: Non-Conventional Media Interaction Paradigms <i>Panelists: Hrvoje Benko (Microsoft Research), Paul Sajda (Columbia University), Kiyoharu Aizawa (Tokyo University), Michelle Zhou (IBM China Research)</i></p>
<p>19:00 – 21:00 Conference Reception (Beijing Film Academy)</p>

Day 2: Wednesday, October 21, 2009

<p>Panel: Multimedia Content Analysis: Model-based Approaches vs. Data-driven Approaches <i>Session Chairs: Ramesh Jain (University of California at Irvine, USA) and Chang Wen Chen (State University of New York at Buffalo, USA)</i> <i>Wednesday October 21, 2009 9:00-10:00 Hall: Jewel Room</i></p>
<p>Organizers: <i>Lei Zhang (Microsoft Research Asia, CN); Qi Tian (Microsoft Research Asia, CN)</i> Panelists: <i>Edward Chang (Google China, CN); Bo Zhang (Tsinghua University, CN); Wei-Ying Ma (Microsoft Research Asia, CN); Mor Naaman (Rutgers University, US); John Smith (IBM T.J. Watson Research Center, US)</i></p>
<p>10:00 - 10:30 Coffee Break</p>
<p>Best Paper Session <i>Session Chair: Yong Rui (Microsoft, China)</i> <i>Wednesday October 21, 2009 10:30-12:30 Hall: Jewel Room</i></p>
<p>Short-Term Audio-Visual Atoms for Generic Video Concept Classification: <i>Wei Jiang, Courtenay Cotton, Shih-Fu Chang, Dan Ellis, Alexander Loui</i></p>
<p>Visual Query Suggestion: <i>Zheng-Jun Zha, Linjun Yang, Tao Mei, Meng Wang, Zengfu Wang</i></p>
<p>Design and Deployment of a Hybrid CDN-P2P System for Live Video Streaming: Experiences with LiveSky: <i>Hao Yin, Xuening Liu, Tongyu Zhan, Vyas Sekar, Feng Qiu, Chuang Lin, Hui Zhang, Bo Li</i></p>
<p>Understanding Near-Duplicate Videos: A User-Centric Approach: <i>Mauro Cherubini, Rodrigo de Oliveira, Nuria Oliver</i></p>
<p>12:30 - 14:30 Lunch & ACM MM Business Meeting</p>
<p>Content Track C3: Image Annotation and Tagging <i>Session Chair: Jiebo Luo (Eastman Kodak Company, USA)</i> <i>Wednesday October 21, 2009 14:30-16:00 Hall: Opal Room @ Raffles</i></p>
<p>Label to Region by Bi-Layer Sparsity Priors: <i>Xiaobai Liu, Bin Cheng, Shuicheng Yan, Jinhui Tang, Tat Seng Chua, Hai Jin</i></p>
<p>Enhancing Semantic and Geographic Annotation of Web Images via Logistic Canonical Correlation Regression: <i>Liangliang Cao, Jie Yu, Jiebo Luo, Thomas S. Huang</i></p>
<p>Distance Metric Learning from Uncertain Side Information with Application to Automated Photo Tagging: <i>Lei Wu, Steven C.H. Hoi, Rong Jin, Jianke Zhu, Nenghai Yu</i></p>
<p>System Track S2: Media Streaming and Media Content Distribution <i>Session Chair: Yong Liu (Polytechnic Institute of NYU, USA)</i> <i>Wednesday October 21, 2009 14:30-16:00 Hall: Sapphire Room @ Raffles</i></p>
<p>Peer-Assisted Packet Loss Repair for IPTV Video Multicast: <i>Zhi Li, Xiaoqing Zhu, Ali C Begen, Bernd Girod</i></p>
<p>On Statistical Multiplexing of Variable-Bit-Rate Video Streams in Mobile Systems: <i>Cheng-Hsin Hsu, Mohamed Hefeeda</i></p>
<p>The Effectiveness of Intelligent Scheduling for Multicast Video-on-Demand: <i>Vaneet Aggarwal, Robert Caldebank, Vijay Gopalakrishnan, Rittwik Jana, K.K. Ramakrishnan, Fang Yu</i></p>

<p>Doctoral Symposium <i>Session Chairs: Rainer Lienhart (University of Augsburg, Germany) and Benoit Huet (EURECOM, France)</i> <i>Wednesday October 21, 2009 14:30-16:00 Hall: Amethyst Room @ Raffles</i></p>
<p>Interactive Media Learning Object in Distance and Blended Education: <i>Ali Shariq Imran</i> Panelists: Wolfgang Effelsberg (University of Mannheim, Germany), Gerald Friedland (UC Berkeley, USA)</p>
<p>Classification and Quality Assessment of High Quality Digital Photographs: <i>Supheakmungkol SARIN</i> Panelists: Tat-Seng Chua (NUS, Singapore), Tao Mei (MSRA, China)</p>
<p>Content-Based Video Copy Detection: <i>Juan Manuel Barrios</i> Panelists: Shin'ichi Satoh (NII, Japan), Chong Wah Ngo (Hong Kong City University)</p>
<p>Interactive Art Program Track 2: Natural <i>Session Chair: Frank Nack (University of Amsterdam, The Netherlands)</i> <i>Wednesday October 21, 2009 14:30-16:00 Hall: Meeting Room 8024 @ Beijing Hotel</i></p>
<p>Black Cloud: Patterns Towards Da Future: <i>Greg Niemeyer, Antero Garcia, Reza Naima</i></p>
<p>Kosmoscope— A Seismic Observatory: <i>Tim Redfern, Mads Haahr</i></p>
<p>The We Are Stardust Installation: <i>George Legrady, Javier Villegas, Andres Burbano</i></p>
<p>Technical Demonstration Session 1 <i>Session Chair: Xian-Sheng Hua (Microsoft Research Asia, China)</i> <i>Wednesday October 21, 2009 14:30-16:00 Hall: Multi function Hall @ Beijing Hotel</i></p>
<p>A Demonstration of MobiTree: Progressive 3D Tree Models Streaming on Mobile Clients: <i>Andra Doran, Sebastien Mondet, Romulus Grigoras, Geraldine Morin, Wei Tsang Ooi, Frederic Boudon</i></p>
<p>Argo: Intelligent Advertising Made Possible from Users' Photos: <i>Xin-Jing Wang, Mo Yu, Lei Zhang, Wei-Ying Ma</i></p>
<p>Interacting with a Personal Cubic 3D Display: <i>Billy Lam, Ian Stavness, Ryan Barr, Sidney Fels</i></p>
<p>Tour the World: a Technical Demonstration of a Web-Scale Landmark Recognition Engine: <i>Yan-Tao Zheng, Ming Zhao, Yang Song, Hartwig Adam, Ulrich Buddemeier, Alessandro Bissacco, Fernando Brucher, Tat-Seng Chua, Hartmut Neven, Jay Yagnik</i></p>
<p>ViewFocus: Explore Places of Interests on Google Maps Using Photos with View Direction Filtering: <i>Zhiping Luo, Haojie Li, Jinhui Tang, Richang Hong, Tat-Seng Chua</i></p>
<p>Arneb: a Rich Internet Application for Ground Truth Annotation of Videos: <i>Thomas Alisi, Marco Bertini, Gianpaolo D'Amico, Alberto Del Bimbo, Andrea Ferracani, Federico Pernici, Giuseppe Serra</i></p>
<p>Sirio: an Ontology-based Web Search Engine for Videos: <i>Thomas Alisi, Marco Bertini, Gianpaolo D'Amico, Alberto Del Bimbo, Andrea Ferracani, Federico Pernici, Giuseppe Serra</i></p>
<p>PACER: Toward A Cameraphone-based Paper Interface for Fine-grained and Flexible Interaction with Documents: <i>Chunyuan Liao, Qiong Liu</i></p>
<p>A Slide-Ware Application to Support Discursive Presentations: <i>Ryan P. Spicer, Yu-Ru Lin, Aisling Kelliher, Hari Sundaram</i></p>
<p>CompositeMap: A Novel Music Similarity Measure for Personalized Multimodal Music Search: <i>Bingjun Zhang, Qiaoliang Xiang, Ye Wang, Jialie Shen</i></p>
<p>Haptic Interaction in Augmented Reality: <i>Shang Ping Lee, Tran Cong Thien Qui, Shing Chuan Loy, William Russell Pensyl</i></p>
<p>GRVS: A Georeferenced Video Search Engine: <i>Sakire Arslan Ay, Lingyan Zhang, Seon Ho Kim, Ma He, Roger Zimmermann</i></p>
<p>MagicPhotobook: Designer Inspired, User Perfected Photo Albums: <i>Yuli Gao, Clayton Brian Atkins, Phil Cheatle, Jun Xiao, Xuemei Zhang, Hui Chao, Peng Wu, Daniel Tretter, David Slatter, Andrew Carter, Roland Penny, Chris Willis</i></p>
<p>Sports video retargeting: <i>Liang Shi, Jinqiao Wang, Lingyu Duan, Hanqing Lu</i></p>
<p>T-IRS: Textual Query based Image Retrieval System for Consumer Photos: <i>Yiming Liu, Dong Xu, Ivor W. Tsang, Jiebo Luo</i></p>

The Future of TV and Media Services: Interactive Live Demo of Fraunhofer FOKUS standardized converged Rich Media and IPTV solution: <i>Robert Seeliger, Oliver Friedrich, Stefan Arbanowski</i>
Friend Recommendation According to Appearances on Photos: <i>Zhipeng Wu, Shuqiang Jiang, Qingming Huang</i>
DAVVI: A Prototype for the Next Generation Multimedia Entertainment Platform: <i>Dag Johansen, Håvard Johansen, Pål Halvorsen, Tjalve Aarflot, Joseph Hurley, Åge Kvalnes, Cathal Gurrin, Sorin Zav, Bjørn Olstad, Erik Aaberg, Carsten Griwidz, Haakon Riiser, Tore Endestad</i>
16:00 – 16:30 Coffee Break
Multimedia Grand Challenge <i>Session Chairs: David Ayman Shamma (Yahoo! Research, USA); Tat-Seng Chua (National University of Singapore, Singapore) and Mor Naaman (Rutgers University, USA)</i> <i>Wednesday October 21, 2009 16:30-18:00 Hall: Jewel Room</i>
Google Challenges
Towards Google Challenge: Combining Contextual and Social Information for Web Video Categorization: <i>Xiao Wu, Wan-Lei Zhao, Chong-Wah Ngo</i>
TubeFiler— an Automatic Web Video Categorizer: <i>Damian Borth, Jörn Hees, Markus Koch, Adrian Ulges, Christian Schulze, Thomas Breuel, Roberto Paredes</i>
Google Challenge: Incremental-Learning for Web Video Categorization on Robust Semantic Feature Space: <i>Yicheng Song, Yongdong Zhang, Xu Zhang, Juan Cao, Jingtao Li</i>
Yahoo Challenges
Joke-o-mat: Browsing Sitcoms Punchline by Punchline: <i>Gerald Friedland, Luke Gottlieb, Adam Janin</i>
Dynamic presentation adaptation based on user intent classification: <i>Christoph Kofler, Mathias Lux</i>
VoxaleadNews: Robust Automatic Segmentation of Video into Browsable Content: <i>Julien Law-To, Gregory Grefenstette, Jean-Luc Gauvain</i>
Canonical Image Selection and Efficient Image Graph Construction for Large-Scale Flickr Photos: <i>Liang-Chi Hsieh, Kuan-Ting Chen, Chien-Hsing Chiang, Yi-Hsuan Yang, Guan-Long Wu, Chun-Sung Ferng, Hsiu-Wen Hsueh, Angela Chang-Rung Tsai, Winston H. Hsu</i>
HP Challenges
Extracting Informative Images from Web News Pages via Imbalanced Classification: <i>Wei Gong, Hangzai Luo, Jianping Fan</i>
Identifying Auxiliary Web Images Using Combination of Analyses: <i>Tewson Seeoun, Choochart Haruechaiyasak, Toshiaki Kondo</i>
Cewe Challenges
FreeEye - Intuitive Summarisation of Photo Collections: <i>Kan Ren, Risto Sarvas, Janko Calic</i>
Automatic Summarization of Travel Photos Using Near-Duplication Detection and Feature Filtering: <i>Wei-Ta Chu, Chia-Hung Lin</i>
Personal Photo Album Summarization: <i>Pinaki Sinha, Hamed Pirsiavash, Ramesh Jain</i>
Accenture Challenge
Sports Wizard: Sports Video Browsing Based on Semantic Concepts and Game Structure: <i>Ming-Chun Tien, Yin-Tzu Lin, Ja-Ling Wu</i>
Radvision Challenge
HugMe: Synchronous Haptic Teleconferencing: <i>Jongeeun Cha, Mohamad Eid, Ahmad Barghout, ASM Mahfujur Rahman, Abdulmotaleb El Saddik</i>
19:00 – 22:00 Conference Banquet (Beijing Hotel)

Day 3: Thursday, October 22, 2009

<p>Keynote 2 <i>Session Chair: Alan Hanjalic (Delft University of Technology, The Netherlands)</i> <i>Thursday October 22, 2009 9:00-10:00 Hall: Jewel Room</i></p>
<p>Quality of Multimedia Experience: Past, Present and Future <i>Touradj Ebrahimi (Swiss Federal Institute of Technology, Switzerland)</i></p>
<p>10:00 - 10:30 Coffee Break</p>
<p>Content Track C4: Video Analysis <i>Session Chair: Marcel Worring (University of Amsterdam, The Netherlands)</i> <i>Thursday October 22, 2009 10:30-12:30 Hall: Opal Room @ Raffles</i></p>
<p>Scalable Detection of Partial Near-Duplicate Videos by Visual-Temporal Consistency: <i>Hung-Khoo Tan, Chong-Wah Ngo, Richard Hong, Tat-Seng Chua</i></p>
<p>Semantic Context Transfer across Heterogeneous Sources for Domain Adaptive Video Search: <i>Yu-Gang Jiang, Chong-Wah Ngo, Shih-Fu Chang</i></p>
<p>Detecting Video Events Based on Action Recognition in Complex Scenes Using Spatio-Temporal Descriptor: <i>Guangyu Zhu, Ming Yang, Kai Yu, Wei Xu, Yihong Gong</i></p>
<p>Ranking with Local Regression and Global Alignment for Cross Media Retrieval: <i>Yi Yang, Dong Xu, Feiping Nie, Jiebo Luo, Yueting Zhuang</i></p>
<p>Application Track A2: Context Awareness <i>Session Chair: Pradeep K. Atrey (University of Winnipeg, Canada)</i> <i>Thursday October 22, 2009 10:30-12:30 Hall: Sapphire Room @ Raffles</i></p>
<p>Accessible Image Search: <i>Meng Wang, Bo Liu, Xian-Sheng Hua</i></p>
<p>Consumer Video Retargeting: Context Assisted Spatial-temporal Grid Optimization: <i>Liang Shi, Jinqiao Wang, Lingyu Duan, Hanqing Lu</i></p>
<p>Retrieval Based Interactive Cartoon Synthesis via Unsupervised Bi-Distance Metric Learning: <i>Yi Yang, Yueting Zhuang, Dong Xu, Yunhe Pan, Dacheng Tao, Steve Maybank</i></p>
<p>FSCAV - Fast Seam Carving for Size Adaptation of Videos: <i>Stephan Kopf, Johannes Kiess, Hendrik Lemelson, Wolfgang Effelsberg</i></p>
<p>HCM Track H1: Human-Centered Multimedia <i>Session Chair: Susanne Boll (University of Oldenburg, Germany)</i> <i>Thursday October 22, 2009 10:30-12:30 Hall: Amethyst Room @ Raffles</i></p>
<p>Using Facial Expressions and Peripheral Physiological Signals as Implicit Indicators of Topical Relevance: <i>Ioannis Arapakis, Ioannis Konstas, Joemon M Jose</i></p>
<p>TuVista: Meeting the Multimedia Needs of Mobile Sports Fans: <i>Frank R Bentley, Michael Groble</i></p>
<p>Quality of Experience in Distributed Interactive Multimedia Environments: Toward a Theoretical Framework: <i>Wanmin Wu, Ahsan Arefin, Raoul Rivas, Klara Nahrstedt, Renata Sheppard, Zhenyu Yang</i></p>
<p>A Crowdsourceable QoE Evaluation Framework for Multimedia Content: <i>Kuan-Ta Chen, Chen-Chi Wu, Yu-Chun Chang, Chin-Laung Lei</i></p>
<p>Video Program <i>Session Chairs: Jie Yang (CMU, USA) and Hari Sundaram (Arizona State University, USA)</i> <i>Thursday October 22, 2009 10:30-12:30 Hall: Meeting Room 8024 @ Beijing Hotel</i></p>
<p>SMALLab: A Mixed-Reality Environment for Embodied and Mediated Learning: <i>Aisling Kelliher, David Birchfield, Ellen Campana, Sarah Hatton, Mina Johnson-Glenberg, Christopher Martinez, Loren Olson, Philippos Savvides, Lisa Tolentino, Kelly Phillips, Sibel Uysal</i></p>
<p>TAPESTREA: A New Way to Design Sound: <i>Ananya Misra, Ge Wang, Perry R Cook</i></p>
<p>Motion Inpainting and Extrapolation for Special Effect Production: <i>Nick C. Tang, Joseph C. Tsai, Hsing-Ying Zhong, Timothy K. Shih, Hong-Yuan Mark Liao</i></p>

Marking up a World: Physical Markup for Virtual Content Creation: <i>Eleanor Rieffel, Sagar Gattepally, Don Kimber, Jun Shingu, Jim Vaughan, John Doherty</i>
NextSlidePlease: Agile Hyperpresentations: <i>Ryan P Spicer, Yu-Ru Lin, Aisling Kelliher</i>
NLVS: A Near-Lossless Video Summarization System: <i>Lin-Xie Tang, Tao Mei, Xian-Sheng Hua</i>
Applications Track Short Papers Session: Applications and Systems <i>Session Chair: Baochun Li (University of Toronto, Canada)</i> <i>Thursday October 22, 2009 10:30-12:30 Hall: Multi function Hall @ Beijing Hotel</i>
A Method for Rapid Personalization of Audio Equalization Parameters: <i>Andrew T Sabin, Bryan Pardo</i>
Video Reference: Question Answering on YouTube: <i>Guangda Li, Zhaoyan Ming, Haojie Li, Tat-Seng Chua</i>
Digital Logic Based Encoding Strategies for Steganography on Voice-over-IP: <i>Hui Tian, Ke Zhou, Hong Jiang, Dan Feng</i>
Integrating Corrections into Digital Ink Playback: <i>Richard J. Anderson, Devy Pranowo, Craig M. Prince, Fred Videon</i>
Retrieving Multimedia Travel Stories using Location Data and Spatial Queries: <i>Ganhewage C de Silva, Kiyoharu Aizawa</i>
Visual Summaries of Popular Landmarks from Community Photo Collections: <i>Wei-Chao Chen, Agathe Battestini, Natasha Gelfand, Vidya Setlur</i>
Location Sensitive Indexing for Image-Based Advertising: <i>Dechao Liu, Matthew R. Scott, Rongrong Ji, Wei Jiang, Hongxun Yao, Xing Xie</i>
Compressed Domain Spatial Adaptation for H.264 Video: <i>Sharmeen Shahabuddin, Razib Iqbal, Ali Nazari, Shervin Shirmohammadi</i>
Generating Location Overviews with Images and Tags by Mining User-Generated Travelogues: <i>Qiang Hao, Rui Cai, Xin-Jing Wang, Jiang-Ming Yang, Yanwei Pang, Lei Zhang</i>
Link Prediction of Multimedia Social Network via Unsupervised Face Recognition: <i>Dijun Luo, Heng Huang</i>
Smart Batch Tagging of Photo Albums: <i>Dong Liu, Meng Wang, Xian-Sheng Hua, Hong-Jiang Zhang</i>
Flickr Hypergroups: <i>Radu-Andrei Negoescu, Brett Adams, Dinh Phung, Svetha Venkatesh, Daniel Gatica-Perez</i>
Interactive Background Blurring: <i>Chih-Yu Yan, Ming-Chun Tien, Ja-Ling Wu</i>
WOW: Wild-Open Warning for Broadcast Basketball Video Based on Player Trajectory: <i>Ming-Hsiu Chang, Ming-Chun Tien, Ja-Ling Wu</i>
Seam Carving Extension: a Compression Perspective: <i>Nguyen Thi Nhat Anh,, Wenxian Yang, Jianfei Cai</i>
Immersive Environments For Rehabilitation Activities: <i>Peter Bajcsy, Kenton McHenry, Hye Jung Na, Rahul Malik, Andrew Spencer, Suk Kyu Lee, Rob Kooper, Mike Frogley</i>
Wearing a YouTube Hat: Directors, Comedians, Gurus, and User Aggregated Behavior: <i>Joan-Isaac Biel, Daniel Gatica-Perez</i>
An Outdoor Spatially-Aware Audio Playback Platform exemplified by a Virtual Zoo: <i>Graham Healy, Alan Smeaton</i>
Semantic Concept Annotation Based on Audio PLSA Model: <i>Yuxin Peng, Zhiwu Lu, Jianguo Xiao</i>
Personalized Movie Recommendation: <i>Anan Liu, Yongdong Zhang, Jintao Li</i>
On the Impact of Sequence and Time in Rich Media Advertising: <i>Benoit Baccot, Omar Choudary, Romulus Grigoras, Vincent Charvillat</i>
Image Retargeting Using Multi-Map Constrained Region Warping: <i>Tongwei Ren, Yan Liu, Gangshan Wu</i>
GBED: Group Based Event Detection Method for Audio Sensor Networks: <i>Qi Li, Huadong Ma</i>
Region-of-Interest Scrambling for Scalable Surveillance Video using JPEG XR: <i>Hosik Sohn, Wesley De Neve, Yongman Ro</i>
Adaptive Optimizing Filter for Inter-layer Intra Prediction in SVC: <i>Wenhao Zhang, Aidong Men, Kan Chang</i>
ISP-Friendly Peer Selection in P2P Networks: <i>Zhijie Shen, Roger Zimmermann</i>
Improved Detection and Evaluation for JPEG Steganalysis: <i>Qingzhong Liu, Andrew H. Sung, Mengyu Qiao</i>

MobileTI: A Portable Tele-Immersive System: <i>Wanmin Wu, Raoul Rivas, Ahsan Arefin, Shu Shi, Renata M Sheppard, Bach D Bui, Klara Nahrstedt</i>
Towards Characterizing User Interaction with Progressively Transmitted 3D Meshes: <i>Ransi Nilaksha De Silva, Wei Cheng, Dan Liu, Wei Tsang Ooi, Shengdong Zhao</i>
Video streaming into Virtual Worlds: the effects of virtual screen distance and angle on perceived quality: <i>Pengpeng Ni, Fredrik Gaarder, Carsten Griwodz, Pål Halvorsen</i>
On-the-Fly Coding for Real-Time Applications: <i>Pierre-Ugo Tournoux, Amine Bouabdallah, Jerome Lacan, Emmanuel Lochin</i>
Achieving Color Constancy Across Multiple Cameras: <i>Rahul Malik, Peter Bajcsy</i>
Complexity Control and Computational Resource Allocation during H.264/SVC Encoding: <i>Yih Han Tan, Wei Siong Lee, Jo Yew Tham</i>
On the Benefits of Cooperative Video Broadcast over WMANs and WLANs: <i>Yi Liu, Cheng-Hsin Hsu, Mohamed Hefeeda</i>
Personal Authentication Using Finger Vein Pattern and Finger-Dorsa Texture Fusion: <i>Wenming Yang, Xiang Yu, Qingmin Liao</i>
12:30 - 14:00 Lunch
Panel: Mobile Media Search: Has Media Search Finally Found its Perfect Platform? Part II <i>Session Chairs: Ramesh Jain (University of California at Irvine, USA) and Chang Wen Chen (State University of New York at Buffalo, USA)</i> <i>Thursday October 22, 2009 14:00-15:30 Hall: Jewel Room</i>
Organizers : <i>Berna Erol (Ricoh Innovations, US) and Jiebo Luo (Kodak Research Laboratories, US)</i> Panelists: <i>Shih-Fu Chang (Columbia University, US); Minoru Etoh (NTT DOCOMO, Japan); Hsiao-Wuen Hon (Microsoft Research Asia, China); Qian Lin (Hewlett-Packard Labs, US); Vidya Setlur (Nokia Research Center, US)</i>
15:30 - 16:00 Coffee Break
Content Track C6: Learning and Concept Detection <i>Session Chair: Alberto Del Bimbo (University of Firenze, Italy)</i> <i>Thursday October 22, 2009 16:00-17:30 Hall: Opal Room @ Raffles</i>
Inferring Semantic Concepts from Community-Contributed Images and Noisy Tags: <i>Jinhui Tang, Shuicheng Yan, Richang Hong, Guo-Jun Qi, Tat-Seng Chua</i>
Concept Detectors: How Good is Good Enough?-- A Monte Carlo Simulation Based Approach: <i>Robin Aly, Djoerd Hiemstra</i>
Learning Semantic Distance from Community-Tagged Media Collection: <i>Guo-Jun Qi, Xian-Sheng Hua, Hong-Jiang Zhang</i>
System Track S3 + HCM Track H2: 3D Mesh Streaming <i>Session Chair: Romulus Grigoras (University of Toulouse, France)</i> <i>Thursday October 22, 2009 16:00-17:30 Hall: Sapphire Room @ Raffles</i>
Streaming 3D Meshes Using Spectral Geometry Images: <i>Ying He, Boon-Seng Chew, Dayong Wang, Chu-Hong Hoi, Lap-Pui Chau</i>
Peer-Assisted View-Dependent Progressive Mesh Streaming: <i>Wei Cheng, Dan Liu, Wei Tsang Ooi</i>
Learning Distance Metric for Regression by Semidefinite Programming with Application to Human Age Estimation: <i>Bo Xiao, Xiaokang Yang, Yi Xu, Hongyuan Zha</i>
Open Source Software Competition Session <i>Session Chair: Apostol Natsev (IBM Thomas J. Watson Research Center, USA)</i> <i>Thursday October 22, 2009 16:00-17:30 Hall: Amethyst Room @ Raffles</i>
Caliph & Emir: MPEG-7 Photo Annotation and Retrieval: <i>Mathias Lux</i>
jReality: A Java library for real-time interactive 3D graphics and audio: <i>Steffen Weißmann, Charles Gunn, Peter Brinkmann, Tim Hoffmann, Ulrich Pinkall</i>

xStreamer: Modular Multimedia Streaming: <i>Alexis Rombaut, Nicolas Staelens, Nick Vercammen, Brecht Vermeulen, Piet Demeester</i>
Music Analysis, Retrieval and Synthesis of Audio Signals MARSYAS: <i>George Tzanetakis</i>
TAPESTREA: A New Way to Design Sound: <i>Ananya Misra, Ge Wang, Perry R. Cook</i>
Interactive Art Program Track 3: Visual <i>Session Chair: David A. Shamma (Yahoo! Research, USA)</i> <i>Thursday October 22, 2009 16:00-17:30 Hall: Meeting Room 8024 @ Beijing Hotel</i>
Calligraphic Video: A Phenomenological Approach to Dense Visual Interaction: <i>Xin Wei Sha, Michael Fortin, Jean-Sébastien Rousseau</i>
Chiasmus: <i>Stephen Cady</i>
Somnambule: <i>Kevin Sillam, Annie Luciani</i>
Technical Demonstration Session 2 <i>Session Chair: Oscar Au (Hong Kong University of Science and Technology, China)</i> <i>Thursday October 22, 2009 16:00-17:30 Hall: Multi function Hall @ Beijing Hotel</i>
An Intuitive Data Transfer Technique using Bartender's Gestures: <i>Jong-Woon Yoo, Woong Choi, Ki-Woong Park, Kyu Ho Park</i>
A Tangible MIDI Sequencer for Visually Impaired People: <i>Thomas Haenselmann, Hendrik Lemelson, Wolfgang Effelsberg</i>
Evolution-based Virtual Content Insertion: <i>Ming-Che Chiang, Chia-Hu Chang, Ja-Ling Wu</i>
Swan Boat: Pervasive Social Game to Enhance Treadmill Running: <i>Miru Ahn, Sungwon Peter Choe, Sungjun Kwon, Byunglim Park, Taiwoo Park, Sooho Cho, Jaesang Park, Junehwa Song, Yunseok Rhee</i>
Videntifier™ Forensic: Robust and Efficient Detection of Illegal Multimedia: <i>Friðrik mundsson, Herwig Lejsek, Kristleifur Daðason, Björn Jónsson, Laurent Amsaleg</i>
Interactive Near-Duplicate Video Retrieval and Detection: <i>Ran Cheng, Zi Huang, Heng Tao Shen, Xiaofang Zhou</i>
PornProbe: an LDA-SVM based Pornography Detection System: <i>Sheng Tang, Jin Tao Li, Yong Dong Zhang, Cheng Xie, Ming Li, Yi Zhi Liu, Xiu Feng Hua, Yan Tao Zheng, Jin Hui Tang, Tat Seng Chua</i>
MOGFUN: Musical mOBile Group for FUN : <i>Yinsheng Zhou, Zhonghua Li, Dillion Tan, Graham Percival, Ye Wang</i>
A Compressed-domain SPATIO-TEMPORAL Adaptation System for Video Delivery: <i>Razib Iqbal, Sharmeen Shahabuddin, Shervin Shirmohammadi</i>
Stitching videos streamed by mobile phones in real-time: <i>Motaz Ahmad El-Saban, Mahmoud Refaat, Ayman Kaheel, Ahmed Abdul-Hamid</i>
Gestures for Mixed-Initiative News Video Browsing on Mobile Devices: <i>Jeannie S.A. Lee, Nikil Jayant</i>
MyFinder: Near-Duplicate Detection for Large Image Collections: <i>xin yang, qiang zhu, kwang-ting cheng</i>
IVForensic: A Digital Forensics Service Platform for Internet Videos: <i>Hao Yin, Wen Hui, Quan Miao, Zheng Li, Chuang Lin</i>
Metadata Production Framework (MPF) Version 2.0: Designed for Effective Generation of Content-based Metadata: <i>Masanori Sano, Hideki Sumiyoshi, Masahiro Shibata, Nobuyuki Yagi</i>
Tiger Training in Augmented Reality: <i>Tran Cong Thien Qui, Shang Ping Lee, Shing Chuan Loy, William Russell Pensyl</i>
TravelScope: Standing on the Shoulders of Dedicated Travelers <i>Qiang Hao, Rui Cai, Jiang-Ming Yang, Rong Xiao, Like Liu, Shuo Wang, Lei Zhang</i>
MARCH: Mobile Augmented Reality for Cultural Heritage: <i>Omar Choudary, Vincent Charvillat, Romulus Grigoras, Pierre Gurdjos</i>
Mirror World Navigation for Mobile Users Based on Augmented Reality: <i>Patricia P Wang, Tao Wang, Dayong Ding, Yimin Zhang, Wenyuan Bi, Yingze Bao</i>
Performance Driven Animation via Non-rigid 3D Tracking: <i>Wei Zhang, Qiang Wang, Xiaou Tang</i>

