Advances in Multimedia Modeling

16th International Multimedia Modeling Conference, MMM 2010
Chongqing, China, January 6-8, 2010
Proceedings
Preface

The 16th international conference on Multimedia Modeling (MMM2010) was held in the famous mountain city Chongqing, China, January 6–8, 2010, and hosted by Southwest University. MMM is a leading international conference for researchers and industry practitioners to share their new ideas, original research results and practical development experiences from all multimedia related areas.

MMM2010 attracted more than 160 regular, special session, and demo session submissions from 21 countries/regions around the world. All submitted papers were reviewed by at least two PC members or external reviewers, and most of them were reviewed by three reviewers. The review process was very selective. From the total of 133 submissions to the main track, 43 (32.3%) were accepted as regular papers, 22 (16.5%) as short papers. In all, 15 papers were received for three special sessions, which is by invitation only, and 14 submissions were received for a demo session, with 9 being selected. Authors of accepted papers come from 16 countries/regions. This volume of the proceedings contains the abstracts of three invited talks and all the regular, short, special session and demo papers. The regular papers were categorized into nine sections: 3D modeling; advanced video coding and adaptation; face, gesture and applications; image processing; image retrieval; learning semantic concepts; media analysis and modeling; semantic video concepts; and tracking and motion analysis. Three special sessions were video analysis and event recognition, cross-X multimedia mining in large scale, and mobile computing and applications.

The technical program featured three invited talks, parallel oral presentation of all the accepted regular and special session papers, and poster sessions for short and demo papers. The three distinguished keynote speakers were: Shi-Kuo Chang from Pittsburgh University, Shipeng Li from Microsoft Research Asia, and Hartmut Neven from Google, Inc.

The success of MMM2010 was assured by team efforts from the sponsors, organizers, reviewers, and participants. We would like to thank the special session Co-chairs, Nicu Sebe and Tao Mei, as well as the demo Co-chairs, Berna Erol and Meng Wang. The special and demo sessions at MMM2010 enriched the technical program. We would like to acknowledge the contribution of the individual Program Committee members and thank the external reviewers. Thanks to the Publicity Co-chairs, Liang-Tien Chia, Benoit Huet, and Li Tao, Local Organizing Chair, Boahua Qiang, Publication Chair, Guoqiang Xiao, US Liaison, Jiebo Luo, Asian Liaison, Tat-Seng Chua, and Webmaster, Ming Tang, for their great efforts. Our sincere gratitude goes to the participants and all authors of the submitted papers.

We are grateful to our sponsors: Chongqing Science and Technology Committee and Southwest University. The in-kind support from the Faculty of Computer and Information Science at Southwest University is also much appreciated.
We wish to express our gratitude to the Springer team directed by Alfred Hofmann for their help and cooperation.

January 2010

Susanne Boll
Qi Tian
Lei Zhang
Zili Zhang
Yi-Ping Phoebe Chen
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<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ansgar Scherp</td>
<td>University of Koblenz, Germany</td>
</tr>
<tr>
<td>Belle Tseng</td>
<td>NEC Laboratories, USA</td>
</tr>
<tr>
<td>Brigitte Kerherve</td>
<td>University of Quebec, Canada</td>
</tr>
<tr>
<td>Cathal Gurrin</td>
<td>Dublin City University, Ireland</td>
</tr>
<tr>
<td>Cees Snoek</td>
<td>University of Amsterdam, The Netherlands</td>
</tr>
<tr>
<td>Cha Zhang</td>
<td>Microsoft Research</td>
</tr>
<tr>
<td>Chabane Djeraba</td>
<td>University of Sciences and Technologies of Lille, France</td>
</tr>
<tr>
<td>Changsheng Xu</td>
<td>NLPR, Chinese Academy of Science, China</td>
</tr>
<tr>
<td>Chong-Wah Ng</td>
<td>City University of Hong Kong</td>
</tr>
<tr>
<td>Christian Timmerer</td>
<td>University of Klagenfurt, Austria</td>
</tr>
<tr>
<td>Dacheng Tao</td>
<td>Hong Kong Polytechnic University</td>
</tr>
<tr>
<td>Dong Xu</td>
<td>Nanyang Technological University, Singapore</td>
</tr>
<tr>
<td>Ebroul Izquierdo</td>
<td>Queen Mary University London, UK</td>
</tr>
<tr>
<td>Edward Chang</td>
<td>Google</td>
</tr>
<tr>
<td>Fernando Pereira</td>
<td>Technical University of Lisbon, Portugal</td>
</tr>
<tr>
<td>Franziska Frey</td>
<td>Rochester Institute of Technology, USA</td>
</tr>
<tr>
<td>Gamhewage Chaminda De Silva</td>
<td>HP Labs, Japan</td>
</tr>
<tr>
<td>Gareth Jones</td>
<td>Dublin City University, Ireland</td>
</tr>
<tr>
<td>Harald Kosch</td>
<td>Passau University, Germany</td>
</tr>
<tr>
<td>Hari Sundaram</td>
<td>Arizona State University, USA</td>
</tr>
<tr>
<td>James Wang</td>
<td>Penn State University, USA</td>
</tr>
<tr>
<td>Jane Hunter</td>
<td>University of Queensland, Australia</td>
</tr>
<tr>
<td>Jianmin Li</td>
<td>Tsinghua University, China</td>
</tr>
<tr>
<td>Jiebo Luo</td>
<td>Kodak R&amp;D Labs, USA</td>
</tr>
<tr>
<td>Jinghui Tang</td>
<td>National University of Singapore</td>
</tr>
<tr>
<td>Keith van Rijsbergen</td>
<td>University of Glasgow, UK</td>
</tr>
<tr>
<td>Lynda Hardman</td>
<td>CWI, The Netherlands</td>
</tr>
<tr>
<td>Marcel Worring</td>
<td>University of Amsterdam, The Netherlands</td>
</tr>
<tr>
<td>Martha Larson</td>
<td>Technical University of Delft, The Netherlands</td>
</tr>
<tr>
<td>Masashi Inoue</td>
<td>Yamagata University, Japan</td>
</tr>
<tr>
<td>Meng Wang</td>
<td>Microsoft Research Asia</td>
</tr>
<tr>
<td>Michael Lew</td>
<td>Leiden University, The Netherlands</td>
</tr>
<tr>
<td>Mohan Kankanhalli</td>
<td>National University of Singapore</td>
</tr>
<tr>
<td>Mor Naaman</td>
<td>Rutgers University, USA</td>
</tr>
<tr>
<td>Nicu Sebe</td>
<td>University of Amsterdam, The Netherlands</td>
</tr>
<tr>
<td>Noel O’Connor</td>
<td>Dublin City University, Ireland</td>
</tr>
<tr>
<td>Patrick Schmitz</td>
<td>Ludicrum Enterprises, USA</td>
</tr>
<tr>
<td>Raghavan Manmatha</td>
<td>University of Massachusetts, USA</td>
</tr>
<tr>
<td>Amherst Rainer Lienhart</td>
<td>University of Augsburg, Germany</td>
</tr>
<tr>
<td>Raphael Troncy</td>
<td>CWI, The Netherlands</td>
</tr>
<tr>
<td>Roger Zimmermann</td>
<td>National University of Singapore</td>
</tr>
</tbody>
</table>
Romulus Grigoras ENSEEIHT-INP Toulouse-IRIT, France
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Hörster, Eva Romberg, Stefan Zheng, Yan-Tao
Jiang, Yu-Gang Soleymani, Mohammad
# Table of Contents

## Invited Talks

Slow Intelligence Systems (Extended Abstract) ...................................... 1  
*Shi-Kuo Chang*

Media 2.0 – The New Media Revolution? (Extended Abstract) ............ 2  
*Shipeng Li*

Designing a Comprehensive Visual Recognition System  
(Extended Abstract) ................................................................. 3  
*Hartmut Neven*

## Regular Papers

### 3D Modeling

Surface Reconstruction from Images Using a Variational Formulation . . . 4  
*Liuxin Zhang and Yunde Jia*

Layer-Constraint-Based Visibility for Volumetric Multi-view  
Reconstruction ................................................................. 15  
*Yumo Yang, Liuxin Zhang, and Yunde Jia*

Two Stages Stereo Dense Matching Algorithm for 3D Skin Micro-surface  
Reconstruction ................................................................. 25  
*Qian Zhang and TaegKeun Whangbo*

Safe Polyhedral Visual Hulls .................................................. 35  
*Guojun Chen, Huanhuan Su, Jie Jiang, and Wei Wu*

### Advanced Video Coding and Adaptation

Enhanced Temporal Error Concealment for 1Seg Video Broadcasting . . . 45  
*Jun Wang, Yichun Tang, and Satoshi Goto*

User-Centered Video Quality Assessment for Scalable Video Coding of  
H.264/AVC Standard .......................................................... 55  
*Wei Song, Dian Tjondronegoro, and Salahuddin Azad*

### Face, Gesture and Applications

Subjective Experiments on Gender and Ethnicity Recognition from  
Different Face Representations ............................................ 66  
*Yuxiao Hu, Yun Fu, Usman Tariq, and Thomas S. Huang*
Facial Parameters and Their Influence on Subjective Impression in the Context of Keyframe Extraction from Home Video Contents ....... 76
   Uwe Kowalik, Go Irie, Yasuhiko Miyazaki, and Akira Kojima

Characterizing Virtual Populations in Massively Multiplayer Online Role-Playing Games ........................................ 87
   Daniel Pittman and Chris Gauthier Dickey

Browsing Large Personal Multimedia Archives in a Lean-Back Environment .................................................... 98
   Cathal Gurrin, Hyowon Lee, Niamh Caprani, Zhen Xing Zhang, Noel O’Connor, and Denise Carthy

Image Processing

Automatic Image Inpainting by Heuristic Texture and Structure Completion .......................................................... 110
   Xiaowu Chen and Fang Xu

Multispectral and Panchromatic Images Fusion by Adaptive PCNN ................................................................. 120
   Yong Li, Ke Wang, and Da-ke Chen

A Dual Binary Image Watermarking Based on Wavelet Domain and Pixel Distribution Features .................................. 130
   Wei Xia, Hongwei Lu, and Yizhu Zhao

PSF-Constraints Based Iterative Blind Deconvolution Method for Image Deblurring ........................................ 141
   Xuan Mo, Jun Jiao, and Chen Shen

Image Retrieval

Face Image Retrieval across Age Variation Using Relevance Feedback .............................................................. 152
   Naoko Nitta, Atsushi Usui, and Noboru Babaguchi

Visual Reranking with Local Learning Consistency ................................................................. 163
   Xinmei Tian, Linjun Yang, Xiuqing Wu, and Xian-Sheng Hua

Social Image Search with Diverse Relevance Ranking ................................................................. 174
   Kuiyuan Yang, Meng Wang, Xian-Sheng Hua, and Hong-Jiang Zhang

View Context: A 3D Model Feature for Retrieval ................................................................. 185
   Bo Li and Henry Johan

Scene Location Guide by Image-Based Retrieval ................................................................. 196
   I-Hong Jhuo, Tsuhan Chen, and D.T. Lee
Learning Landmarks by Exploiting Social Media .......................... 207
Chia-Kai Liang, Yu-Ting Hsieh, Tien-Jung Chuang, Yin Wang,
Ming-Fang Weng, and Yung-Yu Chuang

Discovering Class-Specific Informative Patches and Its Application in
Landmark Characterization ........................................... 218
Shenghua Gao, Xiangang Cheng, and Liang-Tien Chia

Learning Semantic Concepts

Mid-Level Concept Learning with Visual Contextual Ontologies and
Probabilistic Inference for Image Annotation ......................... 229
Yuee Liu, Jinglan Zhang, Dian Tjondronegoro, Shlomo Geva, and
Zhengrong Li

A Color Saliency Model for Salient Objects Detection in Natural
Scenes ........................................................................... 240
Minghui Tian, Shouhong Wan, and Lihua Yue

Generating Visual Concept Network from Large-Scale Weakly-Tagged
Images ................................................................. 251
Chunlei Yang, Hangzai Luo, and Jianping Fan

Automatic Image Annotation with Cooperation of Concept-Specific
and Universal Visual Vocabularies ................................... 262
Yanjie Wang, Xiabi Liu, and Yunde Jia

Weak Metric Learning for Feature Fusion towards Perception-Inspired
Object Recognition ..................................................... 273
Xiong Li, Xu Zhao, Yun Fu, and Yuncui Liu

Media Analysis and Modeling

The Persian Linguistic Based Audio-Visual Data Corpus, AVA II,
Considering Coarticulation ............................................. 284
Azam Bastanfard, Maryam Fazel, Alireza Abdi Kelishami, and
Mohammad Aghaahmadi

Variational Color Image Segmentation via Chromaticity-Brightness
Decomposition .......................................................... 295
Zheng Bao, Yajun Liu, Yaxin Peng, and Guixu Zhang

Image Matching Based on Representative Local Descriptors ........ 303
Jian Hou, Naiming Qi, and Jianxin Kang

Stereoscopic Visual Attention Model for 3D Video .................... 314
Yun Zhang, Gangyi Jiang, Mei Yu, and Ken Chen
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-intrusive Speech Quality Assessment with Support Vector Regression</td>
<td>325</td>
</tr>
<tr>
<td>Manish Narwaria, Weisi Lin, Ian Vince McLoughlin,</td>
<td></td>
</tr>
<tr>
<td>Sabu Emmanuel, and Chia Liang Tien</td>
<td></td>
</tr>
<tr>
<td><strong>Semantic Video Concepts</strong></td>
<td></td>
</tr>
<tr>
<td>Semantic User Modelling for Personal News Video Retrieval</td>
<td>336</td>
</tr>
<tr>
<td>Frank Hopfgartner and Joemon M. Jose</td>
<td></td>
</tr>
<tr>
<td>TV News Story Segmentation Based on Semantic Coherence and</td>
<td>347</td>
</tr>
<tr>
<td>Content Similarity</td>
<td></td>
</tr>
<tr>
<td>Hemant Misra, Frank Hopfgartner, Anuj Goyal, P. Punitha, and</td>
<td></td>
</tr>
<tr>
<td>Joemon M. Jose</td>
<td></td>
</tr>
<tr>
<td>Query-Based Video Event Definition Using Rough Set Theory and</td>
<td>358</td>
</tr>
<tr>
<td>High-Dimensional Representation</td>
<td></td>
</tr>
<tr>
<td>Kimiaki Shirahama, Chieri Sugihara, and Kuniki Uehara</td>
<td></td>
</tr>
<tr>
<td>Story-Based Retrieval by Learning and Measuring the Concept-Based</td>
<td>370</td>
</tr>
<tr>
<td>and Content-Based Similarity</td>
<td></td>
</tr>
<tr>
<td>Yuxin Peng and Jianguo Xiao</td>
<td></td>
</tr>
<tr>
<td>Camera Take Reconstruction</td>
<td>379</td>
</tr>
<tr>
<td>Maia Zaharieva, Matthias Zeppelzauer, Christian Breiteneder, and</td>
<td></td>
</tr>
<tr>
<td>Dalibor Mitrović</td>
<td></td>
</tr>
<tr>
<td>Semantic Based Adaptive Movie Summarisation</td>
<td>389</td>
</tr>
<tr>
<td>Reede Ren, Hemant Misra, and Joemon M. Jose</td>
<td></td>
</tr>
<tr>
<td>Towards Annotation of Video as Part of Search</td>
<td>400</td>
</tr>
<tr>
<td>Martin Halvey and Joemon M. Jose</td>
<td></td>
</tr>
<tr>
<td>Human Action Recognition in Videos Using Hybrid Motion Features</td>
<td>411</td>
</tr>
<tr>
<td>Si Liu, Jing Liu, Tianzhu Zhang, and Hanqing Lu</td>
<td></td>
</tr>
<tr>
<td>Bag of Spatio-temporal Synonym Sets for Human Action Recognition</td>
<td>422</td>
</tr>
<tr>
<td>Lin Pang, Juan Cao, Junbo Guo, Shouxun Lin, and Yan Song</td>
<td></td>
</tr>
<tr>
<td><strong>Tracking and Motion Analysis</strong></td>
<td></td>
</tr>
<tr>
<td>A Novel Trajectory Clustering Approach for Motion Segmentation</td>
<td>433</td>
</tr>
<tr>
<td>Matthias Zeppelzauer, Maia Zaharieva, Dalibor Mitrović, and</td>
<td></td>
</tr>
<tr>
<td>Christian Breiteneder</td>
<td></td>
</tr>
<tr>
<td>New Optical Flow Approach for Motion Segmentation Based on Gamma</td>
<td>444</td>
</tr>
<tr>
<td>Distribution</td>
<td></td>
</tr>
<tr>
<td>Cheolkon Jung, Licheng Jiao, and Maoguo Gong</td>
<td></td>
</tr>
</tbody>
</table>
Reducing Frame Rate for Object Tracking  
*Pavel Korshunov and Wei Tsang Ooi*  
454

**Special Session Papers**

**Video Analysis and Event Recognition**

A Study on Sampling Strategies in Space-Time Domain for Recognition Applications  
*Mert Dikmen, Dennis J. Lin, Andrey Del Pozo, Liang Liang Cao, Yun Fu, and Thomas S. Huang*  
465

Fire Surveillance Method Based on Quaternionic Wavelet Features  
*Zhou Yu, Yi Xu, and Xiaokang Yang*  
477

Object Tracking and Local Appearance Capturing in a Remote Scene Video Surveillance System with Two Cameras  
*Wenming Yang, Fei Zhou, and Qingmin Liao*  
489

Dual Phase Learning for Large Scale Video Gait Recognition  
*Jialie Shen, HweeHwa Pang, Dacheng Tao, and Xuelong Li*  
500

Semantic Concept Detection for User-Generated Video Content Using a Refined Image Folksonomy  
*Hyun-seok Min, Sihyoung Lee, Wesley De Neve, and Yong Man Ro*  
511

Semantic Entity-Relationship Model for Large-Scale Multimedia News Exploration and Recommendation  
*Hangzai Luo, Peng Cai, Wei Gong, and Jianping Fan*  
522

**Cross-X Multimedia Mining in Large Scale**

PageRank with Text Similarity and Video Near-Duplicate Constraints for News Story Re-ranking  
*Xiaomeng Wu, Ichiro Ide, and Shin'ichi Satoh*  
533

Learning Vocabulary-Based Hashing with AdaBoost  
*Yingyu Liang, Jianmin Li, and Bo Zhang*  
545

Mediapedia: Mining Web Knowledge to Construct Multimedia Encyclopedia  
*Richang Hong, Jinhui Tang, Zheng-Jun Zha, Zhiping Luo, and Tat-Seng Chua*  
556

Sensing Geographical Impact Factor of Multimedia News Events for Localized Retrieval and News Filtering  
*Xu Zhang, Jin-Tao Li, Yong-Dong Zhang, and Shi-Yong Neo*  
567
Travel Photo and Video Summarization with Cross-Media Correlation and Mutual Influence ................................................................. 577
  Wei-Ta Chu, Che-Cheng Lin, and Jen-Yu Yu

Mobile Computing and Applications

An Augmented Reality Tourist Guide on Your Mobile Devices .......... 588
  Maha El Choubassi, Oscar Nestares, Yi Wu, Igor Kozintsev, and Horst Haussecker

Transfer Regression Model for Indoor 3D Location Estimation .......... 603
  Junfa Liu, Yiqiang Chen, and Yadong Zhang

Personalized Sports Video Customization for Mobile Devices .......... 614
  Chao Liang, Yu Jiang, Jian Cheng, Changsheng Xu, Xiaowei Luo,
    Jinqiao Wang, Yu Fu, Hanqing Lu, and Jian Ma

3D Thumbnails for Mobile Media Browser Interface with Autostereoscopic Displays ................................................................. 626
  R. Bertan Gundogdu, Yeliz Yigit, and Tolga Capin

Short Papers

Video Scene Segmentation Using Time Constraint Dominant-Set Clustering ................................................................. 637
  Xianglin Zeng, Xiaoqin Zhang, Weiming Hu, and Wanqing Li

Automatic Nipple Detection Using Shape and Statistical Skin Color Information ................................................................. 644
  Yue Wang, Jun Li, HeeLin Wang, and ZuJun Hou

Asymmetric Bayesian Learning for Image Retrieval with Relevance Feedback ................................................................. 650
  Jun Wu and Mingyu Lu

Automatic Visualization of Story Clusters in TV Series Summary .... 656
  Johannes Sasongko and Dian Tjondronegoro

From Image Hashing to Video Hashing ....................................... 662
  Li Weng and Bart Preneel

Which Tags Are Related to Visual Content? .................................. 669
  Yinghai Zhao, Zheng-Jun Zha, Shanshan Li, and Xiuqing Wu

Anchor Shot Detection with Diverse Style Backgrounds Based on Spatial-Temporal Slice Analysis ............................................. 676
  Fuguang Zheng, Shijin Li, Hao Wu, and Jun Feng
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The SLDSRC Rate Control Scheme for H.264</td>
<td>683</td>
</tr>
<tr>
<td>Jianguo Jiang, Wenju Zhang, and Man Xuan</td>
<td></td>
</tr>
<tr>
<td>Adaptively Adjusted Gaussian Mixture Models for Surveillance</td>
<td>689</td>
</tr>
<tr>
<td>Tianci Huang, Xiangzhong Fang, Jingbang Qiu, and Takeshi Ikenaga</td>
<td></td>
</tr>
<tr>
<td>Estimating Poses of World’s Photos with Geographic Metadata</td>
<td>695</td>
</tr>
<tr>
<td>Zhiping Luo, Haojie Li, Jinhui Tang, Richang Hong, and Tat-Seng Chua</td>
<td></td>
</tr>
<tr>
<td>Discriminative Image Hashing Based on Region of Interest</td>
<td>701</td>
</tr>
<tr>
<td>Yang Ou, Chul Sur, and Kyung Hyune Rhee</td>
<td></td>
</tr>
<tr>
<td>Transformational Breathing between Present and Past: Virtual</td>
<td>707</td>
</tr>
<tr>
<td>Exhibition System of the Mao-Kung Ting</td>
<td></td>
</tr>
<tr>
<td>Chun-Ko Hsieh, Xin Tong, Yi-Ping Hung, Chia-Ping Chen, Ju-Chun Ko,</td>
<td></td>
</tr>
<tr>
<td>Meng-Chieh Yu, Han-Hung Lin, Szu-Wei Wu, Yi-Yu Chung, Liang-Chun Lin,</td>
<td></td>
</tr>
<tr>
<td>Ming-Sui Lee, Chu-Song Chen, Jiaping Wang, Quo-Ping Lin, and I-Ling Liu</td>
<td></td>
</tr>
<tr>
<td>Learning Cooking Techniques from YouTube</td>
<td>713</td>
</tr>
<tr>
<td>Guangda Li, Richang Hong, Yan-Tao Zheng, Shuicheng Yan, and Tat-Seng Chua</td>
<td></td>
</tr>
<tr>
<td>Adaptive Server Bandwidth Allocation for Multi-channel P2P Live</td>
<td>719</td>
</tr>
<tr>
<td>Streaming</td>
<td></td>
</tr>
<tr>
<td>Chen Tang, Lifeng Sun, and Shiqiang Yang</td>
<td></td>
</tr>
<tr>
<td>Feature Subspace Selection for Efficient Video Retrieval</td>
<td>725</td>
</tr>
<tr>
<td>Anuj Goyal, Reede Ren, and Joemon M. Jose</td>
<td></td>
</tr>
<tr>
<td>A Novel Retrieval Framework Using Classification, Feature Selection</td>
<td>731</td>
</tr>
<tr>
<td>and Indexing Structure</td>
<td></td>
</tr>
<tr>
<td>Yue Feng, Thierry Urruty, and Joemon M. Jose</td>
<td></td>
</tr>
<tr>
<td>Fully Utilized and Low Design Effort Architecture for H.264/AVC Intra</td>
<td>737</td>
</tr>
<tr>
<td>Predictor Generation</td>
<td></td>
</tr>
<tr>
<td>Yiqing Huang, Qin Liu, and Takeshi Ikenaga</td>
<td></td>
</tr>
<tr>
<td>A Database Approach for Expressive Modeling and Efficient Querying</td>
<td>743</td>
</tr>
<tr>
<td>of Visual Information</td>
<td></td>
</tr>
<tr>
<td>Ahmed Azough, Alexandre Delteil, Mohand-Said Hacid, and Fabien DeMarchi</td>
<td></td>
</tr>
<tr>
<td>A Multiple Instance Approach for Keyword-Based Retrieval in</td>
<td>749</td>
</tr>
<tr>
<td>Un-annotated Image Database</td>
<td></td>
</tr>
<tr>
<td>Jun Jiao, Chen Shen, Bo Dai, and Xuan Mo</td>
<td></td>
</tr>
</tbody>
</table>
On the Advantages of the Use of Bitstream Extraction for Video Summary Generation ............................................. 755  
*Luis Herranz and José M. Martínez*

Image Clustering via Sparse Representation .......................... 761  
*Jun Jiao, Xuan Mo, and Chen Shen*

A Parameterized Representation for the Cartoon Sample Space ...... 767  
*Yuehu Liu, Yuanqi Su, Yu Shao, and Daitao Jia*

**Demo Session Papers**

Enhancing Seeker-Bars of Video Players with Dominant Color Rivers ... 773  
*Klaus Schoeffmann and Laszlo Boeszoermenyi*

AdVR: Linking Ad Video with Products or Service .................. 776  
*Shi Chen, Jingqiao Wang, Bo Wang, Ling-yu Duan, Qi Tian, and Hanqin Lu*

Searching and Recommending Sports Content on Mobile Devices ...... 779  
*David Scott, Cathal Gurrin, Dag Johansen, and Håvard Johansen*

Extended CBIR via Learning Semantics of Query Image ............... 782  
*Chuanghua Gui, Jing Liu, Changsheng Xu, and Hanqing Lu*

A Gesture-Based Personal Archive Browser Prototype ................ 786  
*ZhenXing Zhang, Cathal Gurrin, Hyowon Lee, and Denise Carthy*

E-learning Web, Printing and Multimedia Format Generation Using Independent XML Technology ................................. 789  
*Alberto González Téllez*

Dynamic Video Collage .................................................... 793  
*Yan Wang, Tao Mei, Jingdong Wang, and Xian-Sheng Hua*

VDictionary: Automatically Generate Visual Dictionary via Wikimedias ................................................................. 796  
*Yanling Wu, Mei Wang, Guangda Li, Zhiping Luo, Tat-Seng Chua, and Xumin Liu*

Video Reference: A Video Question Answering Engine ............... 799  
*Lei Gao, Guangda Li, Yan-Tao Zheng, Richang Hong, and Tat-Seng Chua*

**Author Index** .................................................................. 803