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Advances in Multimedia Information Processing - PCM 2008

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Proceedings

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Preface

Welcome to the proceedings of 9th Pacific-Rim Conference on Multimedia (PCM 2008) held at the National Cheng Kung University, Tainan, Taiwan during December 9–13, 2008. The first PCM was held in Sydney in 2000. Since then, it has been held successfully around the Pacific Rim, including Beijing in 2001, Hsinchu in 2002, Singapore in 2003, Tokyo in 2004, Jeju in 2005, Zhejiang in 2006, Hong Kong in 2007 and finally Tainan. PCM is a major annual international conference bringing together researchers, developers, and educators in the field of multimedia from around the world. It covers a wide spectrum of multimedia research, from state-of-the-art theoretical breakthroughs to the practical systems of multimedia analysis and processing.

PCM 2008 featured a comprehensive program including tutorials, keynote talks, regular oral presentations, special sessions, and poster sessions. This year, we accepted 79 papers out of 210 submissions, giving an acceptance rate of 37%. In addition, 39 papers were accepted for poster presentation. The submissions were categorized into five different tracks: multimedia compression, communication and networking, multimedia processing, analysis and retrieval, multimedia databases, systems, and applications, multimedia human–computer interfaces, multimedia security and digital right management, with a total of 210 submissions from 18 countries and regions. Among the five tracks, “multimedia analysis and retrieval” received the most submissions (34% of the submissions). We kindly appreciate the great effort made by the Program Committee members and the additional reviewers in the reviewing of submissions.

This conference would not have been successful without the help of many people. We would like to thank all the Track Chairs, Oscar C. Au, Lap-Pui Chau, Chun-Lin Lu, Chung-Hsien Wu, and Ja-Ling Wu for their timely handling of the paper reviews. We are particularly grateful to Jen-Wen Ding for his dedication to the Web-based review system throughout the process. We also appreciate the Special Sessions Chairs, Ajay Divakaran and Shuqiang Jiang, for organizing three special sessions, as well as the Tutorial Chairs, Chong-Wah Ngo and Der-Jiunn Deng, for inviting four great speakers who gave us insight into interesting topics. Papers in this volume cover a range of pertinent topics in the field including, multimedia management and authoring, multimedia personalization, and multimedia for e-learning. We also thank our keynote speakers, Liang-Gee Chen, Sheila S. Hemami, Jenq-Neng Hwang, Sun-Yuan Kung, Jhing-Fa Wang, for their enlightening speeches.

Our thanks must go to the colleagues and staff of the Department of Engineering Science, National Cheng Kung University. Without their support, PCM 2008 would not have been possible. Last but not least, we would like to thank the sponsorship of

the National Science Council, R.O.C., National Cheng Kung University, and Engineering Science Foundation of NCKU.

December 2008

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Table of Contents

Session 1: Next Generation Video Coding Techniques

Accurate Correlation Modeling for Transform-Domain Wyner-Ziv Video Coding	1
<i>Jozef Škorupa, Jürgen Slowack, Stefaan Mys, Peter Lambert, and Rik Van de Walle</i>	
High-Quality Multi-Mode Mipmapping Texture Compression with Alpha Map	11
<i>Chih-Hao Sun, Tse-Wei Chen, You-Ming Tsao, and Shao-Yi Chien</i>	
Combined Prediction Mode for AVS	21
<i>Zhiyi Zhu and Xin Jin</i>	
A JND Guided Foveation Video Coding	31
<i>Erli Zhang, Debin Zhao, Yongbing Zhang, Hongbin Liu, Siwei Ma, and Ronggang Wang</i>	

Session 2: Audio Processing and Classification

Pitch Shifting of Music Based on Adaptive Order Estimation of Linear Predictor	40
<i>Naoki Koshikawa, Takahiro Murakami, and Toshihisa Tanaka</i>	
An Efficient Approach for Classification of Speech and Music	50
<i>Ei Mon Mon Swe and Moe Pwint</i>	
Speech Emotion Classification on a Riemannian Manifold	61
<i>Chengxi Ye, Jia Liu, Chun Chen, Mingli Song, and Jiajun Bu</i>	
Toward Multi-modal Music Emotion Classification	70
<i>Yi-Hsuan Yang, Yu-Ching Lin, Heng-Tze Cheng, I-Bin Liao, Yeh-Chin Ho, and Homer H. Chen</i>	

Session 3: Interactive Multimedia Systems

Using GPU-Based Ray Tracing for Real-Time Composition in the Real Scene	80
<i>Sungmin Bae, Kyunghee Hwang, and Hyunki Hong</i>	
Vision-Based Hand Gesture Interactions for Large LCD-TV Display Tabletop Systems	89
<i>Chi-Ho Yeung, Man-Wa Lam, Hong-Ching Chan, and Oscar C. Au</i>	

Fast Content-Based Mining of Web2.0 Videos	99
<i>Sébastien Poullot, Michel Crucianu, and Olivier Buisson</i>	
An Interactive Painting System by Using Enhanced Auto-positioning and Pattern Matching Techniques	109
<i>Ling-Erl Cheng, Jiun-Yu Chen, and Jar-Ferr Yang</i>	

Session 4: Advances in H.264/AVC

VLC Table Prediction Algorithm for CAVLC in H.264 Using the Characteristics of Mode Information	119
<i>Jin Heo and Yo-Sung Ho</i>	
Perceptually Motivated Adaptive Quantization Algorithm for Region-of-Interest Coding in H.264	129
<i>Qiong Liu and Rui-Min Hu</i>	
Deblocking Filter Algorithm with Low Complexity for H.264 Video Coding	138
<i>Jung-Ah Choi and Yo-Sung Ho</i>	
Two-Dimensional Map Based Fast Mode Decision for H.264/AVC	148
<i>Tiesong Zhao, Hanli Wang, Xiangyang Ji, and Sam Kwong</i>	
A Novel Hierarchical Mode Selection Algorithm for P-Slices in H.264/AVC	158
<i>Xinxin Zhou, Chun Yuan, Chunhua Li, and Yuzhuo Zhong</i>	
Motion Compensated Interpolation as a New Inter Coding Mode for 8x8 Macroblock Partitions in H.264/AVC B Slices	168
<i>Stefaan Mys, Jürgen Slowack, Jozef Škorupa, Peter Lambert, and Rik Van de Walle</i>	

Session 5: Multimedia Networking Techniques

On the Server Placement Problem of P2P Live Media Streaming System	178
<i>Zhijia Chen, Chuang Lin, Hao Yin, and Bo Li</i>	
Guaranteed Bandwidth Requirement Mechanism for Multimedia Multicast Traffic in MANETs	188
<i>Chia-Cheng Hu, Der-Jiunn Deng, and Lih-Gwo Jeng</i>	
Seamless Handoff Support for Real-Time Multimedia Applications in Nested Mobile Networks	198
<i>Ing-Chau Chang and Chia-Hao Chou</i>	
Service Differentiation in IEEE 802.11e HCF Access Method	208
<i>Whe-Dar Lin and Der-Jiunn Deng</i>	

Throughput Performance of an IP Differentiated-Services Network for Video Communication	218
<i>Dharm Singh Jat, Chih-Heng Ke, M.K. Jain, and Chen Ruey Shin</i>	

Session 6: Advanced Image Processing Techniques

Skeleton-Based Recognition of Chinese Calligraphic Character Image . . .	228
<i>Kai Yu, Jiangqin Wu, and Yueting Zhuang</i>	
A Platform Implementation for Real Time Image Processing	238
<i>Ching-Hsi Lu, Yu-Sheng Wang, Lei Wang, and Hong-Yang Hsu</i>	
Subword Lexical Chaining for Automatic Story Segmentation in Chinese Broadcast News	248
<i>Lei Xie, Yulian Yang, and Jia Zeng</i>	
Moving Video Object Edge Detection Using Complex Wavelets	259
<i>Turgay Celik and Kai-Kuang Ma</i>	
Detecting Interesting Regions in Photographs – How Metadata Can Help	269
<i>Zhong Li, Hong Lu, Xiangyang Xue, and Jianping Fan</i>	
Learning-Based Image Restoration for Compressed Image through Neighboring Embedding	279
<i>Lin Ma, Feng Wu, Debin Zhao, Wen Gao, and Siwei Ma</i>	

Session 7: Video Analysis and Its Applications

Synopsis Alignment: Importing External Text Information for Multi-model Movie Analysis	287
<i>Ming Li, Yang Liu, Yong-Dong Zhang, and Shou-Xun Lin</i>	
Objects over the World	296
<i>Bingyu Qiu and Keiji Yanai</i>	
Detect and Recognize Clock Time in Sports Video	306
<i>Fan Bu, Li-Feng Sun, Xi-Feng Ding, Yin-Jun Miao, and Shi-Qiang Yang</i>	
Detecting Violent Scenes in Movies by Auditory and Visual Cues	317
<i>Yu Gong, Weiqiang Wang, Shuqiang Jiang, Qingming Huang, and Wen Gao</i>	
Personalized MTV Affective Analysis Using User Profile	327
<i>Shiliang Zhang, Qingming Huang, Qi Tian, Shuqiang Jiang, and Wen Gao</i>	

Session 8: Image Detection and Classification

Sequential Simulated Annealing System for Pattern Detection	338
<i>Kou-Yuan Huang and Ying-Liang Chou</i>	
A Collaborative Bayesian Image Annotation Framework	348
<i>Rui Zhang, Kui Wu, Kim-Hui Yap, and Ling Guan</i>	
A New Hierarchical Particle Filter Based Tracking System for Soccer Game Analysis	358
<i>Shih-Ting Wang, Jin-Jang Leou, and Cheng-Shian Lin</i>	
Automatic Web Page Classification Using Various Features	368
<i>Hao Wen, Liping Fang, and Ling Guan</i>	
An Efficient Method for Near-Duplicate Video Detection	377
<i>Bashar Tahayna and Mohammed Belkhatir</i>	

Session 9: Visual and Spatial Analyses

Affective Space Exploration for Impressionism Paintings	387
<i>Cheng-Te Li and Man-Kwan Shan</i>	
Collaborative Video Scene Annotation Based on Tag Cloud	397
<i>Daisuke Yamamoto, Tomoki Masuda, Shigeki Ohira, and Katashi Nagao</i>	
A Spatial-Temporal-Scale Registration Approach for Video Copy Detection	407
<i>Shi Chen, Tao Wang, Jinqiao Wang, Jianguo Li, Yimin Zhang, and Hanqing Lu</i>	
Vision-Based Semi-supervised Homecare with Spatial Constraint	416
<i>Tianqiang Liu, Hongrun Yao, Rongrong Ji, Yan Liu, Xianming Liu, Xiaoshuai Sun, Pengfei Xu, and Zhen Zhang</i>	

Session 10: Multimedia Human Computer Interfaces

Interaction Reproducing Model: A Model for Giving Supports Appropriate to User State	426
<i>Hideki Aoyama, Motoyuki Ozeki, and Yuichi Nakamura</i>	
Multi-projector Calibration and Alignment Using Flatness Analysis for Irregular-Shape Surfaces	436
<i>Qingshu Yuan and Dongming Lu</i>	
Embedded Tags and Visual Querying for Face Photo Retrieval	446
<i>Chaminda de Silva, Toshihiko Yamasaki, and Kiyoharu Aizawa</i>	

Illumination Invariant Face Detection Using Classifier Fusion	456
<i>Alister Cordiner, Philip Ogunbona, and Wanqing Li</i>	
Nonlinear Characterisation of Fronto-Normal Gait for Human Recognition	466
<i>T.K.M. Lee, M. Belkhatir, P.A. Lee, and S. Sanei</i>	

Session 11: Multimedia Security and DRM

Steganalytic Measures for the Steganography Using Pixel-Value Differencing and Modulus Function	476
<i>Jeong-Chun Joo, Hae-Yeoun Lee, Cong Nguyen Bui, Won-Young Yoo, and Heung-Kyu Lee</i>	
Document Forgery Detection with SVM Classifier and Image Quality Measures	486
<i>Seung-Jin Ryu, Hae-Yeoun Lee, Il-Weon Cho, and Heung-Kyu Lee</i>	
NAL Level Encryption for Scalable Video Coding	496
<i>Chunhua Li, Xinxin Zhou, and Yuzhuo Zhong</i>	
Robust Digital Image Watermarking Based on Principal Component Analysis and Discrete Wavelet Transform	506
<i>Jen-Sheng Tsai, Win-Bin Huang, Po-Hung Li, Chao-Lieh Chen, and Yau-Hwang Kuo</i>	

Session 12: Advanced Image and Video Processing

Tone Adjustment of Underexposed Images Using Dynamic Range Remapping	515
<i>Yanwen Guo and Xiaodong Xu</i>	
A Novel Video Text Detection and Localization Approach	525
<i>Xiaodong Huang, Huadong Ma, and Haidong Yuan</i>	
The Influence of Regularization Parameter on Error Bound in Super-Resolution Reconstruction	535
<i>Minmin Shen, Ping Xue, and Ci Wang</i>	
Geometrical Compensation Algorithm of Multiview Image for Arc Multi-Camera Arrays	543
<i>Yun-Suk Kang and Yo-Sung Ho</i>	
A Unified Hierarchical Appearance Model for People Re-identification Using Multi-view Vision Sensors	553
<i>Jau-Hong Kao, Chih-Yang Lin, Wen-How Wang, and Yi-Ta Wu</i>	
An XML-Based Comic Image Compression	563
<i>Ray-I Chang, Yachik Yen, and Ting-Yu Hsu</i>	

Session 13: Multimedia Database and Retrieval

Compensated Visual Hull with GPU-Based Optimization	573
<i>Hansung Kim, Ryuuki Sakamoto, Itaru Kitahara, Tomoji Toriyama, and Kiyoshi Kogure</i>	
Video News Retrieval Incorporating Relevant Terms Based on Distribution of Document Frequency	583
<i>Jun-Bin Yeh and Chung-Hsien Wu</i>	
ROISeer: Region-Based Image Retrieval by Hierarchical Feature Filtering	593
<i>Zou Lei, Bizhong Wei, Xiaodong Cai, and Yuelin Chen</i>	
High-Performance Image Annotation and Retrieval for Weakly Labeled Images Using Latent Space Learning	601
<i>Hideki Nakayama, Tatsuya Harada, Yasuo Kuniyoshi, and Nobuyuki Otsu</i>	
The Many Facets of Progressive Retrieval for CBIR	611
<i>Nouha Bouteldja, Valerie Gouet-Brunet, and Michel Scholl</i>	

Special Session 1: Multimedia Management and Authoring

SemanGist: A Local Semantic Image Representation.....	625
<i>Dong Wang, Xiaobing Liu, Duanpeng Wang, Jianmin Li, and Bo Zhang</i>	
Analysis of Human Actions for Video Indexing.....	635
<i>Zhuoyuan Chen, Peng Cui, Lifeng Sun, and Shiqiang Yang</i>	
AAML Based Avatar Animation with Personalized Expression for Online Chatting System	643
<i>Junfa Liu, Yiqiang Chen, Xingyu Gao, Jinjing Xie, and Wen Gao</i>	
Exploring Music Video Editing Rules with Dual-Wing Harmonium Model	653
<i>Chao Liao, Patricia P. Wang, and Yimin Zhang</i>	
Web-Scale Image Annotation	663
<i>Jiakai Liu, Rong Hu, Meihong Wang, Yi Wang, and Edward Y. Chang</i>	

Special Session 2: Multimedia Personalization

Highlight Ranking for Broadcast Tennis Video Based on Multi-modality Analysis and Relevance Feedback	675
<i>Guangyu Zhu, Qingming Huang, and Yihong Gong</i>	

Affective Content Detection by Using Timing Features and Fuzzy Clustering	685
<i>Min Xu, Suhuai Luo, and Jesse S. Jin</i>	
Speaker Clustering Aided by Visual Dialogue Analysis	693
<i>Shuang Zhang, Wei Hu, Tao Wang, Jia Liu, and Yimin Zhang</i>	
Personalized Multimedia Retrieval in CADAL Digital Library	703
<i>Yin Zhang, Jiangqin Wu, and Yueting Zhuang</i>	
Personalized 3D Caricature Generation Based on PCA Subspace	713
<i>Xingyu Gao, Yiqiang Chen, Junfa Liu, and Jingye Zhou</i>	
Ontology-Based Inter-concept Relation Fusion for Concept Detection ...	721
<i>Shikui Wei, Yao Zhao, and Zhenfeng Zhu</i>	

Special Session 3: Multimedia for E-Learning

Building Video Concordancer Supported English Online Learning Exemplification	731
<i>Chih-Hsiung Fu, Kun-Te Wang, Shu-Chen Cheng, and Ting-Wei Hou</i>	
A Replication-Aware CDN-P2P Architecture Based on Two-Step Server Selection and Network Coding	738
<i>Hung-Chang Yang, Min-Yi Hsieh, Hsiang-Fu Yu, and Li-Ming Tseng</i>	
A Study of Listening Diversity and Speaking for English Learning with Mobile Device Supports	748
<i>Wu-Yuin Hwang, Sheng-Yi Wu, and Jia-Han Su</i>	
The Search Engine for Articles and Multimedia in Blogs	758
<i>Shu-Chen Cheng, Kao-Pin Huang, and Yun-Chung Chen</i>	
Reversible Fragile Watermarking for E-Learning Media	768
<i>Yu-Chiang Li, Cheng-Jung Tsai, and Wei-Cheng Wu</i>	

Poster Session 1: Multimedia Networking Techniques

A Low Bit Rate Audio Bandwidth Extension Method for Mobile Communication	778
<i>Bo Hang, Rui-Min Hu, Xing Li, Yuan Fang, and An-Chao Tsai</i>	
A New Side Information Generation Scheme for Distributed Video Coding	782
<i>Ming-Hui Cheng and Jin-Jang Leou</i>	

Robust TCP Vegas in Wireless Networks	786
<i>Rung-Shiang Cheng, Chung-Fan Liu, Yuan-Cheng Lai, and Der-Jiunn Deng</i>	
A Robust Priority Assignment Mechanism for Video Data over Managed IP Networks	790
<i>Ya-Ju Yu, Chu-Chuan Lee, and Pao-Chi Chang</i>	
An Efficient Method to Reduce Peer-to-Peer Streaming Latency	794
<i>Xinggong Zhang, Yan Pang, and Zongming Guo</i>	
LRM: A Local Band Resource Management System	798
<i>Guang-Qian Kong, Xun Duan, and Jian-Shi Li</i>	
Maximum Traffic Routing Problems in Wireless Mesh Networks	802
<i>Yu-Liang Kuo, Chia-Cheng Hu, and Chun-Yuan Chiu</i>	
An Efficient Broadcasting Scheme with Low Buffer Demand for Video-on-Demand Applications	807
<i>Hsiang-Fu Yu, Chu-Yi Chien, Hung-Chang Yang, and Yuan-Chieng Huang</i>	

Poster Session 2: Multimedia Systems and Applications

Cross-View Object Tracking by Projective Invariants and Feature Matching	811
<i>Ning Ouyang, Le-ping Lin, and Zhao Liu</i>	
Metadata Retrieval Using RTCP for Multimedia Streaming	815
<i>Seung-woo Kum, Tae Beom Lim, and Seok Pil Lee</i>	
ICam: Maximizes Viewers' Attention on Intended Objects	821
<i>Rajarshi Pal, Pabitra Mitra, and Jayanta Mukhopadhyay</i>	
Fast Algorithms for Computer Generated Islamic Patterns of 8-ZOHREH and 8-SILI	825
<i>Peyman Rasouli, Azam Bastanfard, Alireza Rezvanian, and Omid Jalilian</i>	
A Scene Representation Application Implementing LAsEr Using Object-Based Timing Model	830
<i>Xiaocong Zhou, Jianping Chen, and Tiejun Huang</i>	
High Performance Hardware Architecture of Linear Filters for Intelligent Video Processing	834
<i>Tse-Wei Chen and Shao-Yi Chien</i>	

Towards a Universal Friendly P2P Media Streaming Application: An Evaluation Framework	838
<i>Zhijia Chen, Hao Yin, Chuang Lin, Fenlin Wu, and Xuening Liu</i>	
Search-Based Automatic Web Image Annotation Using Latent Visual and Semantic Analysis	842
<i>Dingyin Xia, Fei Wu, and Yueting Zhuang</i>	
An Ultra Large Area Scanner for Ancient Painting and Calligraphy	846
<i>Xifan Shi, Dongming Lu, and Changyu Diao</i>	
Exploiting Spatial Locality for Objects Layout in Virtual Environments	850
<i>Ching-Shun Hsieh, Hui-Ling Lin, Shao-Shin Hung, Shih-Hao Shen, and Ching-Hung Yeh</i>	

Poster Session 3: Advanced Multimedia Techniques

A Parallax-Map-Based DIBR System to Compromise Visual Quality and Depth Resolution	855
<i>Ting-Ching Lin, Hsien-Chao Huang, and Yueh-Min Huang</i>	
Luminance Adjustment in Image and Video	859
<i>Wen-Ju Tsai, Timothy K. Shih, Yuan-Yu Chao, and Hsing-Ying Zhong</i>	
Extracting Facial Features and Face Inpainting	863
<i>Lin Chun Yu, Nick C. Tang, Huang Bo Jun, and Timothy K. Shih</i>	
A Two-Stage Approach to Highlight Extraction in Sports Video by Using AdaBoost and Multi-modal	867
<i>Shaojie Cai, Shuqiang Jiang, and Qingming Huang</i>	
Local Separability Assessment: A Novel Feature Selection Method for Multimedia Applications	871
<i>Kun Tao, Shou-Xun Lin, Yong-Dong Zhang, and Sheng Tang</i>	
Extraction of Perceptual Hue Feature Set for Color Image/Video Segmentation	875
<i>Ming-Jiun Wang, Gwo Giun Lee, and He-Yuan Lin</i>	
A Robust Active Appearance Models Search Algorithm	879
<i>Yong-Fong Lin and Chih-Wei Tang</i>	
An SVM-Based Soccer Video Shot Classification Scheme Using Projection Histograms	883
<i>Nan Nan, Guizhong Liu, Xueming Qian, and Chen Wang</i>	

A Robust Feature Extraction Algorithm for Audio Fingerprinting	887
<i>Jianping Chen and Tiejun Huang</i>	
A Novel Original Streaming Video Wavelet Domain Watermarking Algorithm in Copyright Protection	891
<i>Xinghao Jiang, Tanfeng Sun, and Jianhua Li</i>	
A No-Reference Blocking Artifacts Metric Using Selective Gradient and Plainness Measures	894
<i>Jianhua Chen, Yongbing Zhang, Luhong Liang, Siwei Ma, Ronggang Wang, and Wen Gao</i>	
Poster Session 4: Multimedia Processing and Analyses	
Intelligent Content-Aware Model-Free Low Power Evoked Neural Signal Compression	898
<i>Chen Han Chung, Yu-Chieh Kao, Liang-Gee Chen, and Fu-Shan Jaw</i>	
Adaptive Subclass Discriminant Analysis Color Space Learning for Visual Tracking	902
<i>Zhifei Xu, Pengfei Shi, and Xiaoyu Xu</i>	
Loitering Detection Using Bayesian Appearance Tracker and List of Visitors	906
<i>Chung-Hsien Huang, Ming-Yu Shih, Yi-Ta Wu, and Jau-Hong Kao</i>	
Recognizing Human Action from Videos Using Histograms of Visual Words	911
<i>Yang Wang and Yi Sun</i>	
A Flexible Framework for Audio Semantic Content Detection	915
<i>Qi Li, Huadong Ma, and Kanyan Zheng</i>	
Highly Efficient Face Detection in Color Images	919
<i>Tse-Wei Chen, Chi-Sun Tang, and Shao-Yi Chien</i>	
A Robust Denoising Filter with Adaptive Edge Preservation	923
<i>Li-Cheng Chiu and Chiou-Shann Fuh</i>	
A New Face Recognition Approach to Boosting the Worst-Case Performance	927
<i>Fang Chen, Senjian An, and Wanquan Liu</i>	
A Novel Method for Pencil Drawing Generation in Non-Photo-Realistic Rendering	931
<i>Zhenyu Chen, Jingye Zhou, Xingyu Gao, Longsheng Li, and Junfa Liu</i>	

Theoretic Analysis of Inter Frame Dependency in Video Coding 935
 Yue Wang, Jun Sun, Siwei Ma, and Wen Gao

Author Index 941