

ID	Title	Name (Org)
39	A Multi-Level Hierarchical Quasi-Cyclic Matrix for Implementation of Flexible Partially-Parallel LDPC Decoders	Vikram Arkalgud Chandrasetty* (University of South Australia)* Syed Mahfuzul Aziz ()
44	LOCATING STEGANOGRAPHIC PAYLOAD FOR LSB MATCHING EMBEDDING	Yi Luo (Peking University) Xiaolong Li* (Peking university)* Bin Yang (Peking University)
45	Search by Mobile Image Based on Visual and Spatial Consistency	Xianglong Liu* (Beihang University)* Yihua Lou (Beihang Univeristy) Wei Yu (Beihang Univeristy) Bo Lang (Beihang Univeristy)
46	REALISTIC FACIAL EXPRESSION SYNTHESIS FOR AN IMAGE-BASED TALKING HEAD	Kang Liu* (Leibniz Universitaet Hannover)* Joern Ostermann ("University Hannover, Germany")
50	Iterative single Tardos decoder with controlled probability of false positive	Peter Meerwald* (INRIA Rennes)* Teddy Furon ()
56	Robust Movie Character Identification and the Sensitivity Analysis	Jitao Sang* (Chinese Academy of Science)* Liang Chao () Changshegn Xu () Jian Cheng (Chinese Academy of Sciences)
57	QUERY BY MULTI-TAGS WITH MULTI-LEVEL PREFERENCES FOR CONTENT-BASED MUSIC RETRIEVAL	Ju-Chiang Wang* (National Taiwan University)* Meng-Sung Wu (Academia Sinica) Hsin-Min Wang (Academia Sinica) Shyh-Kang Jeng (National Taiwan University)
60	Adaptive Use of Thresholding and Multiple Colour Space Representation to Improve Classification of MMCC Barcode	Siong Ong* (Edith Cowan University)* Douglas Chai (Edith Cowan University) Alexander Rassau (Edith Cowan University)
64	SHAPE-BASED WEB IMAGE CLUSTERING FOR UNSUPERVISED OBJECT DETECTION	Wei Zheng* (Microsoft Research Asia)* Changhu Wang (Microsoft Research Asia) Xilin Chen ()
65	Distortion over Latency: Novel Metric for Measuring Interactive Performance in Remote Rendering Systems	Shu Shi* (University of Illinois)* Klara Nahrstedt (University of Illinois) Roy Campbell (University of Illinois)
69	Optimized Frame Structure for Interactive Light Field streaming with Cooperative Caching	Wei Cai (Seoul National University) Gene Cheung* (National Institute of Informatics)* Taekyoung Kwon (Seoul National University) Sung-Ju Lee (Hewlett-Packard Laboratories)
89	Multimodal Image Classification using Inverted Local Patterns	RAFI MD NAJMUS SADAT* (Monash University)* Md. Abdul Mottalib (Islamic University of Technology, Bangladesh) Sheikh Faridul Hasan () Md. Musfequs Salehin (Rajshahi University of Engineering and Technology)
94	A Semantically Significant Visual Representation For Social Image Retrieval	Ismail El sayad* (University of Lille 1)* Jean Martinet () Thierry Urruty () Yassine Benabbas () Chabane Djeraba ()
95	Skin detection with illumination adaptation in single image	Jie Geng* (Beijing Jiaotong University)* Zhenjiang Miao (Beijing Jiaotong University) Cencen Zhong (Beijing Jiaotong University)
98	REAL-TIME HEAD AND HAND TRACKING BASED ON 2.5D DATA	Xavier Suau* (UPC)* Josep Casas (UPC) Javier Ruiz-Hidalgo (UPC)
103	Image Compression Algorithm Based on Hilbert Scanning of Embedded quadTrees: An Introduction of the Hi-SET Coder.	Jesús Jaime Moreno Escobar* (National Polytechnic Institute)* Xavier Otazu Porter (Universitat Aut`onoma de Barcelona)
104	Bilayer Video Segmentation for Videoconferencing	Alessandro Parolin (UNISINOS) Guilherme Fickel (UFRGS) Claudio
106	Visual attention tuned spatio-velocity contrast sensitivity for video quality assessment	Junyong You* (NTNU)* Touradj Ebrahimi (EPFL) Andrew Perkis (NTNU)
109	EXTRACTION AND REPRESENTATION OF HUMAN BODY FOR PITCHING STYLE RECOGNITION IN BROADCAST BASEBALL VIDEO	Hua-Tsung Chen* (National Chiao-Tung University, Hsinchu, Taiwan)* Chien-Li Chou (National Chiao Tung University, Hsinchu, Taiwan) Wen-Jiin Tsai (National Chiao Tung University, Hsinchu, Taiwan) Suh-Yin Lee (National Chiao Tung University, Hsinchu, Taiwan) Jen-Yu Yu (ICL/Industrial Technology Research Institute, Hsinchu, Taiwan)
122	AUTOMATIC CONSUMER VIDEO SUMMARIZATION BY AUDIO AND VISUAL ANALYSIS	Wei Jiang* (Eastman Kodak Company)* Courtenay Cotton (Columbia University) Alexander Loui (Kodak)
123	Rate Distortion Bounds for Speech Coding based on a Perceptual Distortion Measure (PESQ-MOS)	Ying-Yi Li* (UCSB ECE)* Jerry Gibson (UCSB ECE)
124	Extractive Summarization of Personal Photos From Life Events	Pinaki Sinha* (UCI)* Ramesh Jain (UCI)
125	Active Feedback for Enhancing the Construction of Panoramic Live Mobile Video Streams	Mahmoud Refaat () Motaz El Saban* (Microsoft)* Ayman Kaheel ()

126	AN OVERCOMPLETE PYRAMID REPRESENTATION FOR IMPROVED GSM IMAGE DENOISING	Damith Mudugamuwa* (UTS)* Wenjing Jia (UTS) Xiangjian He (UTS) Jie Yang (Shanghai Jiaotong University, China.)
128	Fast Mode Decision Algorithm for Enhancement Layer of Spatial and CGS Scalable Video Coding	Chun YUAN* (Tsinghua University)*
131	A Real-Time Body Tracking System for Smart Rooms	Marcel Alcoverro* (UPC)* Adolfo López-Méndez (UPC) Montse Pardàs (UPC) Josep Casas (UPC)
133	Predicting saliency using two contextual priors: the dominant depth and the horizon line	Olivier LE MEUR* (University of Rennes 1)*
134	SIFT-BASED IMPROVEMENT OF DEPTH IMAGERY	Haopeng Li* (Royal Institute of Technology)* Markus Flierl (KTH Royal Institute of Technology, Stockholm)
135	Building a semantic part-based object class detector from synthetic 3D models	Johannes Schels* (EADS)* Jörg Liebelt () Klaus Schertler () Rainer Lienhart ()
136	Graph-based Object Detection and Tracking in H.264/AVC bitstreams for Surveillance Video	Houari Sabirin* (KAIST)* Jaeil Kim (KAIST) Munchurl Kim (KAIST)
137	LEARN-PADS: A MATHEMATICAL EXERGAMING SYSTEM FOR CHILDREN'S PHYSICAL AND MENTAL WELL-BEING	Ali Karime* (University of Ottawa)* Hussein Al Osman (University of Ottawa) Wail Gueaieb (University of Ottawa) Jihad Mohamad Alja'am (Qatar University) Abdulmotaleb El Saddik (University of Ottawa)
138	NEW FRAME RATE UP-CONVERSION BASED ON FOREGROUND/BACKGROUND SEGMENTATION	Mehmet Cekic* (Istanbul Technical University)* Ulug Bayazit (Istanbul Technical University)
139	FPGA ARCHITECTURE FOR REAL-TIME BARREL DISTORTION CORRECTION OF COLOUR IMAGES	Henryk Blasinski* (University of Rochester)* Wei Hai (Contour Inc.) Frantz Lohier (Logitech Inc.)
140	HONEST SIGNALS IN VIDEO CONFERENCING	Byungki Byun* (Georgia Institute of Technolog)* Anurag Awasthi (Indian Institute of Technology, Kanpur.) Philip Chou () Ashish Kapoor (Microsoft) Bongshin Lee () Mary Czerwinski (Microsoft)
141	REAL-TIME RENDERING WITH COMPLEX NATURAL ILLUMINATION	Jie Guo* (Nanjing University)* Jingui Pan (Nanjing University)
142	Architecture Design and Analysis of Image-Based Rendering Engine	Jui-Hsin Lai* (National Taiwan University)* chieh-li Chen () Shao-Yi Chien (National Taiwan University)
144	ACTION RECOGNITION BY LEARNING LOCALLY ADAPTIVE CLASSIFIERS	Chia Chieh Tsai (National Chung Cheng Uni) Chung Yang Hsieh* (National Chung Cheng Uni)* Wei Yang Lin (National Chung Cheng Uni)
145	HYBRID CENTER-SYMMETRIC LOCAL PATTERN FOR DYNAMIC BACKGROUND SUBTRACTION	Gengjian Xue* (Shanghai Jiao Tong University)* Li Song (Shanghai Jiao Tong University) Jun Sun (Shanghai Jiao Tong University) meng Wu (Shanghai Jiao Tong University)
156	ACCELERATING SHOT BOUNDARY DETECTION BY REDUCING SPATIAL AND TEMPORAL REDUNDANT INFORMATION	Guangyu Gao* (Beijing U. of Posts and Tele.)* huadong Ma ()
160	ANIMATION OF GENERIC 3D HEAD MODELS DRIVEN BY SPEECH	Lucas Terissi* (Lab. for System Dynamics and Signal Processing, UNR, CONICET, Rosario, Argentina)* Mauricio Cerda (Equipe Cortex, INRIA-Loria Nancy Grand Est) Juan C. Gomez (Lab. for System Dynamics and Signal Processing, FCEIA, UNR, Rosario, Argentina) Nancy Hitschfeld-Kahler (Department of Computer Science, Universidad de Chile, Santiago, Chile) Bernard Girau (Equipe Cortex, INRIA-Loria Nancy Grand Est) Renato Valenzuela (Department of Computer Science, Universidad de Chile, Santiago, Chile)
165	MULTIMODAL AND MIRROR INVARIANT IMAGE DESCRIPTION	RAFI MD NAJMUS SADAT* (Monash University)* Md. Abdul Mottalib (Islamic University of Technology, Bangladesh) Naurin Afrin (Rajshahi University of Engineering and Technology) Zinat Sayeeda (Rajshahi University of Engineering and Technology)
166	NEWS VIDEO STORY SENTIMENT CLASSIFICATION AND RANKING	Chunxi Liu* (GUCAS)* Li Su () Qingming Huang (Graduate University of Chinese Academy of Sciences) Shuqiang Jiang ()
170	STEREOSCOPIC IMAGE INPAINTING USING SCENE GEOMETRY	Vicent Caselles* (University Pompeu Fabra)* Alexandre Hervieux (Barcelona Media) Nicolas Papadakis (CNRS, Laboratoire Jean Kuntzmann, Grenoble) Aurélie Bugeau (LaBRI, Université Bordeaux 1) Pau Gargallo (Barcelona Media)

176	Constrained example-based audio synthesis	Stephan Wenger* (TU Braunschweig)* Marcus Magnor (TU Braunschweig)
180	A NO REFERENCE METRIC FOR THE QUALITY ASSESSMENT OF VIDEOS AFFECTED BY EXPOSURE DISTORTION	Piotr Romaniak* (AGH Univ. of Scien. and Techn.)* Lucjan Janowski () Mikołaj Leszczuk () Zdzisław Papir ()
181	PARALLEL DEBLOCKING FILTER FOR H.264/AVC IMPLEMENTED ON TILE64 PLATFORM	Chenggang Yan* (Chinese Academy of Sciences)* Feng Dai () Yongdong Zhang () yike Ma () licheng chen () lingjun fan () yasong zheng ()
182	Automatic Quality Control of Digital Image Content Reconstruction Schemes	Paweł Korus* (AGH UST)* Lucjan Janowski () Piotr Romaniak (AGH UST)
192	SHORT-TERM MOTION-BASED OBJECT SEGMENTATION	Marina Georgia Arvanitidou* (Communication Systems Group, Technical University Berlin)* Michael Tok (Communication Systems Group, Technical University Berlin) Andreas Krutz (Communication Systems Group, Technical University Berlin) Thomas Sikora (Communication Systems Group, Technical University Berlin)
194	EXPLOITING DEPTH INFORMATION FOR EFFICIENT MULTI-VIEW VIDEO CODING	Brian Micallef (University of Malta) Carl James Debono* ()* Reuben Farrugia (University of Malta)
195	HIGH PERFORMANCE COMPUTING OF LINE OF SIGHT VIEWSHED	Ligang Lu* (IBM Research)*
196	Content-Sensitive Collection Snapping	Yanwei Fu* (Nanjing University)* YANWEN GUO (Nanjing University)
198	Efficient Sparse Representation based Image Super Resolution via Dual Dictionary Learning	Haichao Zhang* (UIUC and NWPUP)* Yanning Zhang (NWPUP) Thomas Huang (UIUC)
199	Texture Feature-Based Language Identification Using Gabor and MDLC features	Ick Jang (Department of Electronic Engineering, Kyungwoon University) Nam Kim* (Kyungpook National University)* Min Park (School of Electronics Engineering, Kyungpook National University)
211	Co-Ordinate Mapping and Analysis of Vehicle Trajectory for Anomaly Detection	Satyam Srivastava* (Purdue University)* Ka Ki Ng (Purdue University) Edward Delp (Purdue University)
213	An Error Resilient Technique for Temporal and Spatial Scalability	Amir Naghdinezhad* (McGill University)* Fabrice Labeau ()
219	EFFICIENT MOTION VECTOR OUTLIER REMOVAL FOR GLOBAL MOTION ESTIMATION	Toan Nguyen* (Chonnam National University)* Gueesang Lee (Chonnam National University)
221	Security Evaluation of a Perceptual Image Hashing Scheme Based on Virtual Watermark Detection	Jiantao Zhou* (McMaster University)* Oscar Au (HKUST)
222	CONTENT BASED JPEG FRAGMENTATION POINT DETECTION	Qiming Li* (I2R)* Bilgehan Sahin () Ee-Chien Chang () Vrizlynn Thing ()
226	A NEW GROUP DELAY-BASED FEATURE FOR ROBUST SPEECH RECOGNITION	Erfan Loweimi* (Amirkabir University)* seyed Mohammad Ahadi (Amirkabir University of Technology)
229	Novel Projector Calibration Approaches of Multi-Resolution Display	Po-Hsun Chiu (ntu) Shih-Yao Lin* (NTU)* Li-Wei Chan (National Taiwan University) Neng-Hao Yu (National Taiwan University) Yi-Ping Hung ()
236	A Novel Homography-Based Search Algorithm for Block Motion Estimation in Video Coding	Zhaopeng Cui* (Xidian University)* guang Jiang (Xidian University) Dujuan Wang (Xidian University) Chengke Wu (Xidian University)
242	Depth estimation in integral images by anchoring optimization techniques	Iordanis Biperis (Informatics and Telematics Ins) Dimitrios Zarpalas* (Informatics and Telematics Ins)* Eleni Fotiadou (Informatics and Telematics Ins) Erasmia Lyka (Informatics and Telematics Ins) Petros Daras (Informatics and Telematics Ins) Michael Strintzis (Informatics and Telematics Ins)
243	Adaptive Joint Demosaicing and Subpixel-based Down-sampling for Bayer Image	Lu FANG* (HKUST)* Oscar Au (HKUST) Aggelos Katsaggelos (Northwestern University)
247	EMBEDDED COMPRESSION ALGORITHM USING ERROR-AWARE QUANTIZATION AND HYBRID DPCM/BTC CODING	Kiwon Yoo* (Samsung Electronics)* Changsu Han (Samsung Electronics)
250	ADVERTISEMENT DETECTION IN DIGITIZED PRESS IMAGES	Asma OUJI* (LIRIS, INSA de Lyon)* Yann LEYDIER () Frank LEBOURGEOIS (LIRIS, INSA de Lyon)
255	Multiple Component Predictive Coding Framework of Still Images	Xiyuan Hu* (Chinese Academy of Sciences)* Weiping Xia () Silong Peng () Wen-Liang Hwang (Academia Sinica)

256	Easy Generation of Personal Chinese Handwritten Fonts	Baoyao Zhou* (IBM Research - China)* Weihong Wang (University of Waterloo) Zhanghui Chen (Institute of Semiconductors, Chinese Academy of Sciences)
268	FAST VISUAL WORD ASSIGNMENT VIA SPATIAL NEIGHBORHOOD BOOSTING	Ruixin Xu* (Peking University)* miaojing Shi (Peking University) Bo Geng () chao Xu ()
280	IMPROVED CABAC DESIGN IN H.264/AVC FOR LOSSLESS DEPTH MAP CODING	JIN HEO* (GIST)* Yo-Sung Ho (Gwangju Institute of Science and Technology)
284	MATCHING CONTENT-BASED SALIENCY REGIONS FOR PARTIAL-DUPLICATE IMAGE RETRIEVAL	Liang Li* (JDL, ICT)* Zhipeng Wu () Zhengjun Zha () Shuqiang Jiang () Qingming Huang (Graduate University of Chinese Academy of Sciences)
290	CALIBRATION AND 3-D SOUND REPRODUCTION IN THE IMMERSIVE AUDIO ENVIRONMENT	Pratik Shah* (Missouri S&T)* Steven Grant (Missouri S&T) William Chapin (AuSIM Inc.)
291	COMPRESSION OF 3D MRI IMAGES BASED ON SYMMETRY IN PREDICTION-ERROR FIELD	Somaieh Amraee (Isfahan University of Technology) Nader Karimi (Isfahan University of Technology) shadrokh Samavi (Isfahan University of Technology) Shahram Shirani* (McMaster University)*
294	Semi-automatic Synthetic Depth Map Generation For Video Using Random Walks	Richard Rzeszutek* (Ryerson University)* Raymond Phan (Ryerson University) Dimitrios Androutsos (Ryerson University)
297	A PRIORITY-BASED EDF SCHEDULING ALGORITHM FOR H.264 VIDEO TRANSMISSION OVER WIMAX NETWORK	Qinli Wang (Xi'an Jiaotong University) Guizhong Liu* (Xi'an Jiaotong University)*
298	TRANSMISSION DISTORTION-OPTIMIZED UNEQUAL LOSS PROTECTION FOR VIDEO TRANSMISSION OVER PACKET ERASURE CHANNELS	Yongfei Zhang* (Beihang University)* Shiyin Qin (Beihang University) Zhihai He ("University of Missouri, Columbia, US")
299	PRE-FILTERING WITH LOCALLY ADAPTIVE FILTER SET FOR REFERENCE FRAME IN VIDEO COMPRESSION	Jinik Jang* (Hanyang University)* Hyuk Lee (Hanyang University) Taeyoung Jung (Hanyang University) Sungmin Hong (Hanyang University) Jechang Jeong (Department of Electronics and Communication Engineering at Hanyang University)
300	Automatic Summarization of Broadcasted Soccer Videos with Adaptive Fast-forwarding	Fan CHEN* (Japan Adv. Insti. of Sci.&Tech)* Christophe De Vleeschouwer (Catholic University of Louvain)
301	HYBRID LOW-DELAY COMPRESSION OF MOTION CAPTURE DATA	Choong-Hoon Kwak (Simon Fraser University) Ivan Bajic* (Simon Fraser University)*
304	Hidden Markov Model for Eye Gaze Prediction in Networked Video Streaming	Yunlong Feng (National Institute of Informatics) Gene Cheung* (National Institute of Informatics)* Wai-tian Tan (Hewlett-Packard Laboratories) Yusheng Ji (National Institute of Informatics)
314	VIDEO QUALITY ASSESSMENT USING TEMPORAL QUALITY VARIATIONS AND MACHINE LEARNING	Manish Narwaria* (Nanyang Technological Univ)* Weisi Lin ("Nanyang Technological University, Singapore")
319	LEVERAGING AN IMAGE FOLKSONOMY AND THE SIGNATURE QUADRATIC FORM DISTANCE FOR SEMANTIC-BASED DETECTION OF NEAR-DUPLICATE VIDEO CLIPS	Hyun-seok Min* (KAIST)* Jaeyoung Choi (KAIST) Wesley De Neve (KAIST) Yong Man Ro ()
320	FEATURE SUBSET SELECTION FOR EFFICIENT ADABOOST TRAINING	Chensheng Sun* (HongKong Polytechnic Universit)* Jiwei Hu (HongKong Polytechnic University) Kenneth Lam (HongKong Polytechnic University)
325	H.264/AVC BASED NEAR LOSSLESS INTRA CODEC USING LINE-BASED PREDICTION AND MODIFIED CABAC	Jung-Ah Choi* (GIST)* JIN HEO (GIST) Yo-Sung Ho (Gwangju Institute of Science and Technology)
330	ROTATION INVARIANT TEXTURE FEATURE EXTRACTION BASED ON SORTED NEIGHBORHOOD DIFFERENCES	Khairul Muzzammil Saipullah (INHA UNIVERSITY) DEOK-HWAN KIM* (INHA NIVERSITY)* SEOK-LYONG LEE (Hankuk University of Foreign Studies)
333	How anti-aliasing filter affects image contrast: an analysis from Majorization theory perspective	Ketan Tang* (HKUST)* Oscar Au (HKUST) Lu FANG (HKUST) Zhiding Yu (HKUST) Yuanfang Guo (HKUST)
335	AUTOMATIC OBJECT SEGMENTATION WITH SALIENT COLOR MODEL	Chieh-Chi Kao* (National Taiwan University)* Jui-Hsin Lai (National Taiwan University) Shao-Yi Chien (National Taiwan University)
346	SUB-SCENE GENERATION: A STEP TOWARDS COMPLEX SCENE UNDERSTANDING	Shan-shan Zhu* (HKU EEE)* Nelson H. C. Yung (HKU EEE)
347	PREDICTION SIGNAL AIDED SPATIALLY VARYING TRANSFORM	Cixun Zhang* (Tampere University of Technolo)* Kemal Ugur () Jani Lainema () Antti Hallapuro () Moncef Gabbouj ()

348	Motion Synthesis for Synchronizing with Streaming Music by Segment-based Search on Metadata Motion Graphs	Jianfeng Xu* (KDDI R&D Laboratories Inc.)* Koichi Takagi (KDDI R&D Laboratories Inc.) Shigeyuki Sakazawa (KDDI R&D Laboratories Inc.)
351	Joint Scalable Video and Digital Fountain Coding for Heterogeneous QoS Video Broadcasting	Wen Ji* (Institute of Computing Technol)* Zhu Li (FutureWei Tech, USA) Yiqiang Chen (Institute of Computing Technology, Chinese Academy of Sciences)
354	A GRAPH ALGORITHMIC FRAMEWORK FOR THE ASSEMBLY OF SHREDDED DOCUMENTS	Fabian Richter* (University of Augsburg)* Christian Ries (University of Augsburg) Rainer Lienhart ()
355	MONOCULAR 3D HUMAN POSE ESTIMATION BY CLASSIFICATION	Thomas Greif* (University of Augsburg)* Debabrata Sengupta (IIT Guwahati) Rainer Lienhart ()
356	Causal Flow	Yuya Yamashita* (The University of Tokyo)* Tatsuya Harada (The University of Tokyo) Yasuo Kuniyoshi (The University of Tokyo)
369	Locality Repulsion Projections for Image-to-Set Face Recognition	Jiwen Lu* (NTU, Singapore)* Yap-Peng Tan (NTU)
371	Automatic Annotation of Web Videos	Shih-Wei Sun (Academia Sinica) Yu-Chiang Frank Wang* (Academia Sinica)* Yao-Ling Hung () Chia-Ling Chang () Kuan-Chieh Chen (Academia Sinica) Shih-Sian Cheng () Hsin-Min Wang (Academia Sinica) Mark Liao (National I-Lan University)
376	Joint Power Allocation and Bit Loading for Enhanced SVC Video Downlink Transmissions over SDMA/OFDMA Networks	Maodong Li* (NTU)* Zhenzhong Chen (NTU) Yap-Peng Tan (NTU)
377	Adaptive Maximum Margin Criterion for Image Classification	Jiwen Lu* (NTU, Singapore)* Yap-Peng Tan (NTU)
382	Distributed Compressive Video Sensing based on Smoothed L0 norm with partially known support	Cong Ma* (BUPT)* Yu Liu () Lin ZHANG (BUPT) Xuqi Zhu (BUPT)
384	ARBITRARY PRODUCT DETECTION FROM ADVERTISEMENT VIDEO BY USING OBJECT INDEPENDENT FEATURES	Tomohiko Takahashi* (KDDI R&D Laboratories Inc.)* Masaru Sugano (KDDI R&D Laboratories Inc.) Keiichiro Hoashi (KDDI R&D Laboratories Inc.) Sei Naito (KDDI R&D Laboratories Inc.)
390	Semantic Concept Detection in Imbalanced Datasets Based on Different Under-Sampling Strategies	Jinlin Guo* (CDVP, Dublin City University)* Colum Foley (Dublin City University) Cathal Gurrin (Dublin City University) Song-Yang Lao ()
395	Optimal Distortion Redistribution in Block-based Image Coding using Successive Convex Optimization	Chao Pang* (HKUST)* Oscar Au (HKUST) Feng Zou () Jingjing Dai () RUN CHA (HKUST)
396	Set-to-Set Gait Recognition Across Varying Views and Walking Conditions	Nini Liu* (Nanyang Technological Universi)* Jiwen Lu (Nanyang Technological University) Yap-Peng Tan (NTU) Maodong Li (NTU)
404	Learning to Detect Salient Region of Image under Weak Supervision	Jian Cheng* (Chinese Academy of Sciences)* Yu Fu (Chinese Academy of Sciences) Hanqing Lu (Chinese Academy of Sciences)
407	Social Game Epitome versus Automatic Visual Analysis	Peter Vajda* (EPFL)* Ivan Ivanov (EPFL) Lutz Goldmann (EPFL) Touradj Ebrahimi (EPFL)
416	INSTANT MULTIMEDIA CONTENTS DOWNLOADING SYSTEM USING A 60-GHZ-2.4-GHZ HYBRID WIRELESS LINK	Yasuteru Kohda* (IBM Japan)* Nobuyuki Ohba (IBM Japan) Kohji Takano (IBM Japan) Daiju Nakano (IBM Japan) Toshiyuki Yamane (IBM Japan) Yasunao Katayama (IBM Japan)
419	APPROPRIATE EMOTIONAL LABELLING OF NON-ACTED SPEECH USING BASIC EMOTIONS, GENEVA EMOTION WHEEL AND SELF ASSESSMENT MANIKINS	Ingo Siegert* (Otto von Guericke University)* Ronald Böck (Otto von Guericke University) David Philippou-Hübner () Bogdan Vlasenko (Cognitive Systems, IESK, OVGU) Andreas Wendemuth ()
424	RELIABLE ACCENT SPECIFIC UNIT GENERATION WITH DYNAMIC GAUSSIAN MIXTURE SELECTION FOR MULTI-ACCENT SPEECH RECOGNITION	Chao Zhang (CSLT,RIIT,Tsinghua University) Yi Liu* (CSLT,RIIT,Tsinghua University)* Yunqing Xia (cslt.riit.tsinghua.edu.cn) Thomas Fang Zheng (CSLT,RIIT,Tsinghua University) Jesper Olsen (Nokia Research China) Jilei Tian (Nokia Research Center China)
427	Application-Layer Error Resilience for Wireless IP-based Video Broadcasting	Sheau-Ru Tong (National Pingtung University of Science and Technology) Yuan-Tse Yu* (National Kaohsiung Normal University)* Che-Min Chen (National Pingtung University of Science and Technology)

429	On the Security of a Secure Lempel-Ziv-Welch (LZW) Algorithm	Shujun Li* (University of Konstanz)* Chengqing Li (Xiangtan University, China) C.C. Jay Kuo (University of Southern California)
433	A METHOD FOR TRANSLATING PRINTED DOCUMENTS USING A HAND-HELD DEVICE	Andrew Haddad* (Purdue University)* Albert Parra (Purdue University) Mireille Boutin (Purdue University) Edward Delp (Purdue University)
434	UNSUPERVISED MINING OF AUDIOVISUALLY CONSISTENT SEGMENTS IN VIDEOS WITH APPLICATION TO STRUCTURE ANALYSIS	Mathieu BEN (INRIA/IRISA) Guillaume Gravier* (INRIA/CNRS)*
436	A NOVEL PERCEPTUAL VIDEO CODING ALGORITHM AND ARCHITECTURE DESIGN FOR H.264/AVC	Yeong-Kang Lai* (National Chung Hsing Univ.)* Yu-Fan Lai (National Chung Hsing Univ.)
437	COARSE TO FINE ADAPTIVE INTERPOLATION FILTER FOR HIGH RESOLUTION VIDEO CODING	Jia Su* (Waseda University)* Yiqing Huang () Lei Sun (Waseda University IPS) Shinichi Sakaida (Science & Technology Research Laboratories, NHK) Ikenaga Takeshi (Waseda Univeristy)
443	SALIENT REGION DETECTION AND ITS APPLICATION TO VIDEO RETARGETING	Ye Luo* (NTU)* Junsong Yuan (NTU) Ping Xue (NTU) Qi Tian (A-Star)
452	A FAST APPROACH FOR EDGE PRESERVING SUPER-RESOLUTION	Kishor Upla (SVNIT, Surat) Prakash Gajjar (DA-IICT) Manjunath Joshi* (DA-IICT, Gandhinagar, India)* Asim Banerjee (DA-IICT, Gandhinagar, India) Vineet Singh (DA-IICT, Gandhinagar, India)
453	VIEW-BASED 3D MODEL RETRIEVAL WITH TOPOLOGICAL STRUCTURE	Pengjie Li* (Beijing University of Posts an)* huadong Ma () anlong ming ()
456	UNEQUAL ERROR PROTECTION FOR DATA PARTITIONED H.264/AVC VIDEO STREAMING WITH RAPTOR AND RANDOM LINEAR CODES FOR DVB-H NETWORKS	Sajid Nazir (University of Strathclyde) Dejan Vukobratovic (University of Novi Sad) Vladimir Stankovic* (University of Strathclyde)*
470	A HARDWARE-EFFICIENT ARCHITECTURE FOR MULTI-RESOLUTION MOTION ESTIMATION USING FULLY RECONFIGURABLE PROCESSING ELEMENT ARRAY	Xianghu Ji* (PKU)* Chuang Zhu (PKU) Huizhu Jia (PKU) Xiaodong Xie (PKU) Haibing Yin ()
471	Audiovisual emotion recognition via cross-modal association in kernel space	Yongjin Wang* (Ryerson University)* Ling Guan (Ryerson University) Anastasios Venetsanopoulos (Ryerson University)
473	Efficient Depth Map Compression Exploiting Segmented Color Data	Simone Milani* (University of Padova)* Pietro Zanuttigh () Marco Zamarin (Technical University of Denmark) Søren Forchhammer (Technical University of Denmark)
475	Non-rigid 3D shape classification using Bag-of-Feature techniques	Hedi Tabia* (LAGIS)* mohamed Daoudi (lifel) Olivier Colot () jean philippe vandeborre (LIFL)
476	Improved Combination of LBP and Sparse Representation based Classification (SRC) for Face Recognition	Rui Min* (EURECOM)* Jean-Luc Dugelay ()
477	QOE AND ENERGY-AWARENESS FOR MULTI-LAYER VIDEO BROADCASTING	Ianire Taboada* (UPV/EHU)* Jose Oscar Fajardo () Fidel Liberal ()
480	AN EFFICIENT TECHNIQUE FOR MOTION-BASED VIEW-VARIANT VIDEO SEQUENCES SYNCHRONIZATION	Mrinal Mandal* (Univ. of Alberta Edmonton)* Cheng Lu ()
482	A VIDEO COMPLETION METHOD BASED ON BANDLET TRANSFORM	Ali Mosleh* (Concordia University)* Nizar Bouguila () Abdessamad Ben Hamza (Concordia University)
485	A HIGHLY EFFICIENT PIPELINE ARCHITECTURE OF RDO-BASED MODE DECISION DESIGN FOR AVS HD VIDEO ENCODER	Chuang Zhu* (PKU)* Yuan Li (PKU) Huizhu Jia (PKU) Xiaodong Xie (PKU) Haibing Yin ()
486	a robust pipeline for logo detection	Enric Meinhardt-Llopis* (Universitat Pompeu Fabra)* Constantinos Constantinopoulos (Fundació Barcelona Media) Vicent Caselles (University Pompeu Fabra) Yunqiang Liu (Fundació Barcelona Media)
487	Automatic Detection of Child Pornography using Color Visual Words	Adrian Ulges* (DFKI)* Armin Stahl (DFKI)
496	Prioritized packetization for video with intra-refresh macroblock line	Sandro Moiron* (University of Essex)* Ismail Ali (University of Essex) Martin Fleury (University of Essex, UK) Mohammed Ghanbari (University of Essex, UK)
501	Hybrid TCP/UDP Video Transport For H.264/AVC Content Delivery in Burst Loss Networks	Timothy Porter (Aston University) Xiaohong Peng* (Aston University)*

503	Evaluation of adaptive LDPC AL-FEC codes for content download services	Ismael De Fez* (UPV)* Francisco Fraile (Universidad Politecnica de Valencia) Roman Belda (Universidad Politecnica de Valencia) Juan Carlos Guerri (Universidad Politecnica de Valencia)
507	Improving the Visual Performance of S/DISCUS	Gabriel Dominguez-Conde* (Universidade de Vigo)* Deepa Kundur (Texas A&M University)
513	Female facial aesthetics based on soft biometrics and photo-quality	Antitza Dantcheva* (Eurecom)* Jean-Luc Dugelay ()
514	Optimized Point Splatting based on a Fully-Balanced Hierarchical Structure	Hossein Azari* (University of Alberta)* Irene Cheng (University of Alberta) anup Basu ()
516	ANALYSIS OF DRIVER BEHAVIORS DURING COMMON TASKS USING FRONTAL VIDEO CAMERA AND CAN-BUS INFORMATION	Jinesh Jain* (The University of Texas,Dallas)* Carlos Busso (The University of Texas, Dallas)
518	An Efficient Spatial Domain Fusion Scheme for Multifocus Images Using Statistical Properties of Neighborhood	Parul Shah* (IIT Bombay)* Shabbir Merchant (IIT Bombay) Uday Desai (IIT Hyderabad)
521	An Energy-Based Method for the Forensic Detection of Re-sampled Images	Xiaoying Feng* (University College London)* Ingemar Cox (University College London) Gwenaël Doërr (Technicolor - Security & Content Protection Labs)
522	Block Merging for Quadtree-based Video Coding	Simon Oudin* (Fraunhofer HHI)* Philipp Helle (Fraunhofer HHI) Benjamin Bross (Fraunhofer HHI) Jan Stegemann (Fraunhofer HHI) Christian Bartnik (Fraunhofer HHI) Detlev Marpe (Fraunhofer HHI) Heiko Schwarz (Fraunhofer HHI) Thomas Wiegand (Fraunhofer HHI)
527	EGMM: An Enhanced Gaussian Mixture Model for Detecting Moving Objects with Intermittent Stops	Huiyuan Fu* (University)* huadong Ma () anlong ming ()
529	DRM Optimization for Stitched Media File Rate Adaptation	Kevin Ma* (University of New Hampshire)* Mikhail Mikhailov (Azuki Systems, Inc) Radim Bartos (University of New Hampshire)
530	UNDERSTANDING DYNAMIC SCENES BY HIERARCHICAL MOTION PATTERN MINING	Lei Song* (NWPU)* Fan Jiang (Northwestern University) Zhongke Shi (NPU) Aggelos Katsaggelos (Northwestern University)
532	A DESIGN TOOL FOR EFFICIENT MAPPING OF MULTIMEDIA APPLICATIONS ONTO HETEROGENEOUS PLATFORMS	Chung-Ching Shen* (University of Maryland)* Hsiang-Huang Wu (University of Maryland) Nimish Sane (University of Maryland) William Plishker (University of Maryland) Shuvra Bhattacharyya (University of Maryland)
537	Efficient 3D Region Guarding for Multimedia Data Processing	Wuyi Yu (Xiamen University) Maoqing Li () Sitharama Iyengar (Louisiana State University) Xin Li* (Louisiana State University)*
540	COMPRESSING SIMILAR IMAGE SETS USING LOW FREQUENCY TEMPLATE	Chi Ho Yeung* (HKUST)* Oscar Au (HKUST) Ketan Tang (HKUST) Zhiding Yu (HKUST)
542	A CONTENT-BASED VIDEO FAST-FORWARD PLAYBACK METHOD USING VIDEO TIME DENSITY FUNCTION AND RATE DISTORTION THEORY	Junfeng Jiang* (Ryerson University)* Xiao-Ping Zhang (Ryerson University) Alexander Loui (Kodak)
547	Incremental Nonparametric Discriminant Analysis for Robust Object Tracking	Hao Ji* (Carnegie Mellon University)* Fei Su () Yujia Zhu ()
558	Algorithm and Architecture Design of a Knowledge-based Vehicle Tracking for Intelligent Cruise Control	Yi-Min Tsai* (National Taiwan University)* Chih-Chung Tsai (National Taiwan University) Keng-Yen Huang (National Taiwan University) Liang-Gee Chen (National Taiwan University)
560	Smart Display: A Mobile Self-Adaptive Projector-Camera System	Tien-Ju Yang* (National Taiwan University)* Yi-Min Tsai (National Taiwan University) Liang-Gee Chen (National Taiwan University)
564	EIGHT SOLUTIONS OF THE ESSENTIAL MATRIX FOR CONTINUOUS CAMERA MOTION TRACKING IN VIDEO AUGMENTED REALITY	Li Ling* (RMIT)* Eva Cheng (RMIT University) Ian Burnett (RMIT University)
565	Rachel: Design of an Emotionally Targeted Interactive Agent for Children with Autism	Emily Mower* (University of Southern Califor)* Matt Black () Elisa Flores () Marian Williams () Shrikanth Narayanan ()
575	Finding VIPs - A visual image persons search using a content property reasoner and web ontology	Edward Kim* (Lehigh University)* Xiaolei Huang () Jeff Heflin ()

577	3VQM: A Vision-based Quality Measure for DIBR-Based 3D Videos	Mashhour Solh (Georgia Tech) Ghassan Alregib* (Georgia Institute of Technology) * Judit Martinez Bauza (Qualcomm)
583	A_PSQA: EFFICIENT REAL-TIME VIDEO STREAMING QOE TOOL IN A FUTURE MEDIA INTERNET CONTEXT	Wael CHERIF* (Viotech Communications)* Adlen Ksentini (Irisa) Daniel Negru (Labri) Mamadou Sidibe (Viotech Communications)
586	PhotoSense: Make Sense of Your Photos with Enriched Harmonic Music via Emotion Association	Ja-Hwung Su (National Cheng Kung University) Ming-Hua Hsieh (National Cheng Kung University) Tao Mei* (Microsoft Research Asia)* Vincent Tseng (National Cheng Kung University)
594	ANATOMY PRESERVING 3D MODEL DECOMPOSITION BASED ON ROBUST SKELETON-SURFACE NODE CORRESPONDENCE	Liang Shi* (University of Alberta)* Irene Cheng (University of Alberta) anup Basu ()
595	Automatic Object Extraction in Single-Concept Videos	Kuo-chin Lien (Academia sinica) Yu-Chiang Frank Wang* (Academia Sinica)*
596	Automatic Content Generation for Video Self Modeling	Ju Shen (University of Kentucky) Anusha Raghunathan (University of Kentucky) Sen-ching Cheung* (University of Kentucky)* Rita Patel (University of Kentucky)
606	Linear Model-based Adaptive Prediction for Video Decoding Complexity	Ting Tian* (Huazhong University of Science and Technology)* HongXing Guo (Huzhong University of Science and Technology) ShengSheng Yu (Huazhong University of Science and Technology)
608	AUTOMATIC GENERATION OF PRIVACY-PROTECTED VIDEOS USING BACKGROUND ESTIMATION	Yuta Nakashima* (Osaka University)* Noboru Babaguchi (Osaka University) Jianping Fan (UNC-Charlotte)
610	EDGE-ORIENTED INTERPOLATION FOR FRACTIONAL MOTION ESTIMATION IN HYBRID VIDEO CODING	Ali Kokhazadeh* (University of Tehran)* Alireza Aminlou (University of Tehran) Mahmoud Reza Hashemi (University of Tehran)
616	AUTOMATIC TRANSCRIPTION OF PIANO MUSIC BY SPARSE REPRESENTATION OF MAGNITUDE SPECTRA	Cheng-Te Lee* (NTU)* Yi-Hsuan Yang (National Taiwan University) Homer Chen (National Taiwan University)
622	VIDEO SCENE SEGMENTATION USING A NOVEL BOUNDARY EVALUATION CRITERION AND DYNAMIC PROGRAMMING	Bo Han* (Sony China Research Laboratory)* Weiguo Wu (Sony China Research Laboratory)
630	VIDEO RETRIEVAL USING SPARSE BAYESIAN RECONSTRUCTION	Pablo Ruiz* (University of Granada)* S. derin Babacan (University of Illinois at Urbana-Champaign) Li Gao (Northwestern University) Zhu Li (FutureWei Tech, USA) Rafael Molina (University of Granada) Aggelos Katsaggelos (Northwestern University)
631	VOWELS FORMANTS ANALYSIS ALLOWS STRAIGHTFORWARD DETECTION OF HIGH AROUSAL EMOTIONS	Bogdan Vlasenko* (Cognitive Systems, IESK, OVGU)* David Philippou-Hübner () Dmytro Prylipko () Ronald Böck (Otto von Guericke University) Ingo Siegert (Otto von Guericke University) Andreas Wendemuth ()
634	DISCRIMINATIVE LANGUAGE MODELING FOR SPEECH RECOGNITION WITH RELEVANCE INFORMATION	Berlin Chen* (National Taiwan Normal University)* Chia-Wen Liu (National Taiwan Normal University)
636	Towards Robust and Efficient Segmentation: An Approach based on Inter-Region Contour and Intra-Region Content Analysis	Zhiding Yu* (HKUST)* Oscar Au (HKUST) Ketan Tang (HKUST) Lingfeng Xu (The Hong Kong University of Science & Technology) Wenxiu Sun (The Hong Kong University of Science & Technology) Yuanfang Guo (HKUST)
637	Stroke-Based Creation of Depth Maps	Mark Gerrits () Bert De Decker () Cosmin Ancuti* (Hasselt University)* Tom Haber (Hasselt University) Codruta Ancuti (Hasselt University) Tom Mertens (Hasselt University) Phillipe Bekaert (Hasselt University)
644	TCQ Practical Evaluation in the Hyper-Cube Watermarking Framework	Marc Chaumont* (LIRMM, CNRS, Univ. of Montpellier)* Dalila Goudia (LIRMM, CNRS, Univ. of Montpellier)
652	Improved Combined Inter-Intra Prediction Using Spatial-Variant Weighted Coefficient	RUN CHA* (HKUST)* Oscar Au (HKUST) Xiaopeng Fan (Harbin Institute of Technology) Xingyu Zhang () Jiali Li ()
655	A HIGH VIDEO QUALITY MULTIPLE DESCRIPTION CODING SCHEME FOR LOSSY CHANNELS	Mohammad Kazemi* (Sharif University)* Khosrow Sadeghi (Sharif University of Technology) Shervin Shirmohammadi (University of Ottawa)
657	Indexed Spatio-Temporal Appearance Models for Query-Driven Video Action Recognition	Haomian Zheng* (Hong Kong Polytechnic Univ.)* Zhu Li (FutureWei Tech, USA) Aggelos Katsaggelos (Northwestern University) Jia You (Hong Kong Polytechnic University)

658	Solo To A Capella Conversion - Synthesizing Vocal Harmony From Lead Vocals	Paul Chan* (I2R)* Minghui Dong (Institute for Infocomm Research) Ling Cen (Institute for Infocomm Research) Siu Wa Lee (Institute for Infocomm Research)
669	A PRIVACY PRESERVING CONTENT DISTRIBUTION MECHANISM FOR DRM WITHOUT TRUSTED THIRD PARTIES	Lei Lei Win* (NTU)* Tony Thomas () Sabu Emmanuel (NTU)
676	A simple and effective lossless compression algorithm for video display frames	Huang-Chih Kuo* (National Tsing Hua Univeristy)* Youn-Long Lin ()
677	Sparse Representation based Blind Image Deblurring	Haichao Zhang* (UIUC and NWPUI)* Jianchao Yang (UIUC) Yanning Zhang (NWPUI) Thomas Huang (UIUC)
678	USING EYE TRACKING TECHNOLOGY TO IDENTIFY VISUAL AND VERBAL LEARNERS	Tracey Mehigan* (University College Cork)* Mary Barry (Waterford Institute of Technology) Aidan Kehoe (University College Cork) Ian Pitt (University College Cork)
679	DiVA: indexing high-dimensional data by "Diving" into Vector Approximations	Konstantinos Tsakalozos* (University of Athens)* Spiros Evangelatos (University of Athens) Alex Delis ()
683	TOWARD REGION- AND ACTION-AWARE SECOND LIFE CLIENTS: A PARAMETERIZED SECOND LIFE TRAFFIC MODEL	Yichuan Wang (University of California, Davis) Cheng-Hsin Hsu* (Deutsche Telekom)* Jatinder Singh (Deutsche Telekom R&D Lab) Xin Liu (University of California, Davis)
688	Face Recognition Using Multi-Lag Directional Local Correlations	Nam Kim* (Kyungpook National University)* yingai Ju (Kyungpook National University) Hyun Joo So (Kyungpook National University) Mi hye Kim (Kyungpook National University)
689	Tracking Pedestrians with Incremental Learned Intensity and Contour Templates for PTZ Camera Visual Surveillance	Yi Xie* (Beijing Institute of Technolog)* Mingtao Pei (Beijing Institute of Technology) Guanqun Yu (bit.edu.cn) Xi Song (bit.edu.cn) Yunde Jia (bit.edu.cn)
691	UTILITY-DRIVEN DISTRIBUTED TRANSMISSION COORDINATION FOR VIDEO COMMUNICATIONS OVER AD HOC WIRELESS NETWORK	Yin Yuan* (HKPU)* Haomian Zheng (Hong Kong Polytechnic Univ.) Zhu Li (FutureWei Tech, USA) Jianwei Huang (CUHK) Jiannong Cao (Hong Kong Polytechnic University)
694	Lifetime Maximization of Video Blackbox Surveillance Camera	Sangkwon Na* (MagnaChip Semiconductor)* Giwon Kim (KAIST) Chong-Min Kyung (KAIST)
695	Adaptive depth map assisted matting in 3D video	Wenxiu Sun* (The Hong Kong University of Science & Technology)* Oscar Au (HKUST) Lingfeng Xu (The Hong Kong University of Science & Technology) Zhiding Yu (HKUST)
696	FAST ENVIRONMENT MATTING EXTRACTION USING COMPRESSIVE SENSING	Qi Duan* (NTU)* Jianfei Cai (Nanyang Technological Univ) Jianmin Zheng (SCE, NTU) Weisi Lin ("Nanyang Technological University, Singapore")
702	Bitrate and Video Quality Planning for Mobile Streaming scenarios using a GPS-based bandwidth lookup service	Haakon Riiser* (Netview Technology AS)* Pål Halvorsen (University of Oslo) Carsten Griwodz (University of Oslo) Paul Vigmostad (Netview Technology AS)
706	An Energy-Aware Hierarchical Event Detection in Battery-Operated Wireless Video Surveillance Systems	Tae-Rim Kim* (KAIST)* Jungsoo Kim () Giwon Kim () Chong-Min Kyung (KAIST)
708	Visual Object Recognition Using DAISY Descriptor	CHAO ZHU* (Ecole Centrale Lyon)* Charles-Edmond BICHOT (Ecole Centrale Lyon) liming chen (INFOMATH, LIRIS, Ecole Centrale de Lyon, Ecully, France)
711	PROFILING VIDEO TO VISUAL TRACK FOR PREVIEW	Jiang Yu Zheng* (IUPUI)* Hongyuan Cai (IUPUI) Karthir Prabhakar (Georgia Institute of Technology)
721	Quality assessment of speech codecs in synchronous e-learning environments	Juan Granda* (University of Oviedo)* José Quiroga (University of Oviedo) Daniel García (University of Oviedo) Francisco Suárez (University of Oviedo)
724	Efficient place recognition with canonical views	Lin Yang* (UAB)* John Johnstone (UAB) Chengcui Zhang (UAB)
725	TOWARD A MORE ROBUST FACIAL EXPRESSION RECOGNITION IN OCCLUDED IMAGES USING RANDOMLY SAMPLED GABOR BASED TEMPLATES	Ligang Zhang* (QUT)* Dian Tjondronegoro (QUT) Vinod Chandran (QUT)
728	A Novel See-through Screen based on Weave Fabrics	Cha Zhang* (Microsoft Research)* Ruigang Yang (University of Kentucky) Tim Large (Microsoft Corp.) Zhengyou Zhang (Microsoft Research)
730	A REASONING APPROACH TO ENABLE ABDUCTIVE SEMANTIC EXPLANATION UPON COLLECTED OBSERVATIONS FOR FORENSIC VISUAL SURVEILLANCE	Seunghan Han* (Technical University of Munich)* Andreas Hutter (Siemens AG) Walter Stechele (Technical University of Munich)

733	ADAPTIVE FAST DIRECT MODE DECISION ALGORITHM USING MODE AND LAGRANGIAN COST PREDICTION FOR B FRAME IN H.264/AVC	Xiaocong Jin* (Shanghai Jiaotong University)* Jun Sun (Shanghai Jiao Tong University) Jun Zhou (SJTU) Yiqing Huang () Jia Su (Waseda University) Ikenaga Takeshi (Waseda Univeristy)
739	REINFORCEMENT LEARNING FOR POWER MANAGEMENT IN WIRELESS MULTIMEDIA COMMUNICATIONS	Nicholas Mastronarde* (UCLA)* Mihaela van der Schaar (UCLA)
741	Video Segmentation Using BIC and Stacked Scanning	King Tam* (University of Sydney)* Jose Lay (University of Sydney) David Levy (University of Sydney)
753	MAXIMIZING SYSTEM REACHABILITY FOR P2P-BASED INTERACTIVE SPATIAL AUDIO APPLICATIONS IN NETWORKED VIRTUAL ENVIRONMENTS	Ke Liang* (National Univ. of Singapore)* Roger Zimmermann (National University of Singapore)
759	VEHICLE SEGMENTATION FROM VIDEO USING COLOR AND EDGES	Punnarai Siricharoen (Chulalongkorn University) Supavadee Aramvith* (Chulalongkorn University)* Thanarat Chalidabhongse (Chulalongkorn University) Supakorn Siddhichai (NECTEC)
762	GRADIENT PROJECTION BASED QOS DRIVEN CROSS-LAYER SCHEDULING FOR VIDEO APPLICATIONS	Zhaoming Lu* (BUPT)* Xiang Wen (BUPT) wei zheng () ying Ju () Dabing Ling ()
764	Geometrical Transformation for Image Resizing	YAN Tao* (University of Science and Technoloty of China and City University of HongKong)* Rynson W.H. Lau (City University of HongKong) Xie Zhi feng (Shanghai Jiaotong University) XU Yun (University of Science and Technology of China) HUANG Liusheng () MA Lizhuang (Shanghai Jiaotong University)
765	Fast Accurate Pedestrian Detection using a MPL-Boosted Cascade of Weak FIK-SVM Classifiers	Junqiang Wang* (BUPT)* huadong Ma () anlong ming ()
771	Coarse-to-Fine Temporal Optimization for Video Retargeting Based on Seam Carving	Wei-Lun Chao () Hsiao-Hang Su () Shao-Yi Chien () Winston Hsu ("National Taiwan Univ., TW") Jian-Jiun Ding* (National Taiwan University)*
778	Audio-to-Tag Mapping: A Novel Approach for Music Similarity Computation	Ioannis Karydis* (Ionian University)* Alexandros Nanopoulos (University of Hildesheim)
779	GRASSMANN HASHING FOR APPROXIMATE NEAREST NEIGHBOR SEARCH IN HIGH DIMENSIONAL SPACE	Lei Zhang (Microsoft) Xinchao Wang (EPFL) Zhu Li* (FutureWei Tech, USA)* Junsong Yuan (Nanyang Tech University)
780	DISTRIBUTED & ADAPTIVE HTTP STREAMING	Stephane Gouache* (Technicolor)* Guillaume Bichot (Technicolor) Amine Bsila (Technicolor) Christopher Howson (Technicolor)
781	CROSS LAYER CONTENT DELIVERY OPTIMIZATION FOR HOLISTIC NETWORK DESIGN IN DISASTER PREPAREDNESS AND RECOVERY SCENARIOS	María Alejandra Pimentel Nino* (Universitat Autònoma de Barcel)* María Ángeles Vázquez Castro (Universitat Autònoma de Barcelona)
782	Context-aware Multimedia Service Composition Using Quality Assessment	Alberto Jose Gonzalez* (UPC/i2CAT)* Ramon Martin de Pozuelo (Ramon Llull University) Kayhan Zrar Ghafoor (Universiti Teknologi Malaysia) Francesc Pinyol (Ramon Llull University) Jesus Alcober (UPC / i2cat)
784	DECODER DRIVEN MULTI RESOLUTION SIDE INFORMATION REFINEMENTS AND MODE DECISIONS FOR IMPROVED RATE-DISTORTION PERFORMANCE IN DISTRIBUTED VIDEO CODING	VIJAY KUMAR* (IIT KHARAGPUR)* Somnath Sengupta (IIT Kharagpur)
787	BINARY TREE DECOMPOSITION DEPTH CODING FOR 3D VIDEO APPLICATIONS	Gonçalo do Carmo (Instituto Superior Técnico - Instituto de Telecomunicações) Matteo Naccari* (Instituto de Telecomunicações)* Fernando Pereira (Instituto Superior Técnico - Instituto de Telecomunicações)
795	INTERACTIVE VIDEO CAM SYSTEM FOR EMOTIVE VIDEO PRODUCTION	Hiroko Mitarai* (JAIST)* Atsuo Yoshitaka (JAIST)
796	RAPID SPEAKER ADAPTATION USING MAXIMUM LIKELIHOOD NEURAL REGRESSION	Mohamad Hasan Bahari* (Katholieke Universiteit Leuven)* Hugo Van Hamme (Katholieke Universiteit Leuven)
803	Perceptual quantitative quality assessment of JPEG2000 compressed CT images with various slice thicknesses	Jean Francois Pambrun* (Ecole de technologie supérieure)* Rita Noumeir (Ecole de technologie supérieure (ETS))

808	FAST EFFICIENT ALGORITHM FOR ENHANCEMENT OF LOW LIGHTING VIDEO	Xuan Dong () Guan Wang* (Beihang University)* Yi(amy) Pang () Weixin Li () Jiangtao Wen () Wei Meng (Tsinghua University) Yao Lu ()
814	A NOVEL SCALABLE DEBLOCKING-FILTER ARCHITECTURE FOR H.264/AVC AND SVC VIDEO CODECS	Teresa Cervero* (ULPGC)* Andrés Otero (UPM) Sebastian Lopez (IUMA-ULPGC) Eduardo De La Torre (UPM) Roberto Sarmiento (ULPGC) Teresa Riesgo (UPM) Gustavo Callicó (IUMA, ULPGC)
815	Dynamic Workload Assignment in Video Surveillance Systems	Mukesh Saini* (National University of Singapo)* Xiangyu Wang (National University of Singapore) Pradeep Atrey (University of Winnipeg) Mohan Kankanhalli ()
817	TOWARDS MAXIMAL DECODABLE RATE FOR MULTI-RATE MULTICAST OF DIGITAL MEDIA WITH NETWORK CODING	Xinglei Zhu* (SUNY at Buffalo)* Changwen Chen ()
827	AN IMPROVED BLOCK MATCHING AND PREDICTION ALGORITHM FOR MULTI-VIEW VIDEO WITH DISTRIBUTED VIDEO CODEC	Jiann-Jone Chen* (National Taiwan University of Science and Technology)* Ching-Hua Chen () Shih-Chieh Lee ()
829	TOWARDS VIEWING QUALITY OPTIMIZED VIDEO ADAPTATION	Jingteng Xue* (SUNY Buffalo)* Changwen Chen ()
832	Example-based Video Remixing for Home Videos	Naoko Nitta* (Osaka University)* Noboru Babaguchi (Osaka University)
833	SmartAd: A Smart System for Effective Advertising in Online Videos	Hamed Neshat (Simon Fraser University) Mohamed Hefeeda* (Simon Fraser University)*
838	Algorithm and Implementation of Multi-Channel Spike Sorting Using GPU in a Home-Care Surveillance System	Yun-Yu Chen* (National Taiwan University)* Yi-Min Tsai (National Taiwan University) Liang-Gee Chen (National Taiwan University)
843	IDENTIFYING IMAGE SPAM AUTHORSHIP WITH VARIABLE BIN-WIDTH HISTOGRAM-BASED PROJECTIVE CLUSTERING	Song Gao () Chengcui Zhang* (UAB)* wei-bang Chen ()
845	Learning the Sparse Representation for Classification	Jianchao Yang* (UIUC)* Jiangping Wang (UIUC) Thomas Huang (UIUC)
867	SEAMLESS ANNOTATION AND ENRICHMENT OF MOBILE CAPTURED VIDEO STREAMS IN REAL-TIME	Motaz El Saban* (Microsoft)* Xin-Jing Wang (Microsoft Research Asia) Noran Hasan (Cairo Microsoft Innovation Lab) Mahmoud Bassiouny (Alexandria University, Egypt) Mahmoud Refaat ()
870	DYNAMIC BACKGROUND MODELING BASED ON RADIAL BASIS FUNCTION NEURAL NETWORKS FOR MOVING OBJECT DETECTION	Ben-Hsiang Do (NTUT) Shih-Chia Huang* (*)
871	Hypothesis comparison guided cross validation for unsupervised signer adaptation	Yu Zhou* (Shanghai Jiao Tong University)* Xiaokang Yang () Weiyao Lin () Yi Xu () Long Xu (Department of Computer Science, City University of Hong Kong)
872	Pattern Selection for Error-resilient Slice Interleaving based on Receiver Error Concealment Technique	Yu Wang* (A*STAR, I2R)* Jo Yew Tham (A*STAR, I2R) Wei siong Lee (A*STAR, I2R) Kwong Huang Goh (A*STAR, I2R)
873	DRM Workflow Analysis for Over-the-Top HTTP Segmented Delivery	Kevin Ma* (University of New Hampshire)* Raj Nair () Radim Bartos (University of New Hampshire)
881	TRAJECTORY-BASED SIGN LANGUAGE RECOGNITION USING DISCRIMINANT ANALYSIS IN HIGHER-DIMENSIONAL FEATURE SPACE	Wen Guang Liu () Chung Yang Hsieh* (National Chung Cheng Uni)* Wei Yang Lin (National Chung Cheng Uni)
882	Remote lab in virtual world for remote control of industrial processes	jacques Fayolle* (TELECOM Saint-Etienne)* Christophe Gravier (TELECOM Saint-Etienne) Nicole Yankelovich (Open Wonderland Foundation) Elizabeth Kim (Open Wonderland Foundation)
884	FAST RETARGETING WITH ADAPTIVE GRID OPTIMIZATION	Bing Li* (Key Lab of Intelligent Informa)* chen Yiming () Wang Jinqiao (1National Lab of Pattern Recognition,Institute of Automation, Chinese Academy of) Ling-Yu Duan ("Peking Univ., CH") Gao wen ()
885	FAST FRAME RATE UP-CONVERSION BASED ON MULTIPLE FRAMES	Shih-Hsuan Yang* (Nat'l Taipei Univ. of Tech.)* Chia-Chi Yang ()
888	DISCOVERING EMERGING MELODY PATTERNS FROM CUSTOMER QUERY DATA STREAMS OF MUSIC SERVICE	Hua-Fu Li* (Kainan University)* Hsuan-Sheng Chen (Department of Computer Science, National Chiao-Tung University)

896	Tile format: a novel frame compatible approach for 3D video broadcasting	Giovanni Ballocca (Sisvel Technology) Paolo D'Amato (Sisvel Technology) Marco Grangetto* (Università di Torino)* Maurizio Lucenteforte (Università di Torino)
898	A REAL-TIME, DSP-BASED JPWL IMPLEMENTATION FOR WIRELESS HIGH DEFINITION VIDEO TRANSMISSION	Federico Fiorucci* (Università di Perugia)* Giuseppe Baruffa (Università di Perugia) Paolo Micanti (Università di Perugia) Fabrizio Frescura (Università di Perugia)
899	Six-Dimensional Free-viewpoint Synthesis Flow for QFHD Free-viewpoint/Multiview 3DTV Applications	Pei-Kuei Tsung* (National Taiwan Univeristy)* Pin-Chih Lin () Kuan-Yu Chen () Liang-Gee Chen (National Taiwan University)
900	Xstream-x264: Real-time H.264 Streaming with Cross-layer Integration	Golam Sarwar* (NICTA, UNSW)* Roksana Boreli (National ICT Australia, University of New South Wales) Emmanuel Lochin (ISAE, University of Toulouse)
901	BUILT-IN FACE RECOGNITION FOR SMART PHOTO SHARING IN MOBILE DEVICES	Esteban Vazquez-Fernandez* (Gradiant)* Hugo Garcia-Pardo (Gradiant) Daniel Gonzalez-Jimenez (Gradiant) Luis Perez-Freire (Gradiant)
902	Improving Temporal Error Concealment by GRNN in Video Communication	Jun-Horng Chen* (Oriental Institute of Technoloy)* Shih-Chun Shao (National Taipei University of Technology) Wen-Hui Chen (National Taipei University of Technology)
906	A COMPARATIVE STUDY OF PACKET LOSS CONCEALMENT FOR BLUETOOTH CVSD CODEC	Xuejing Sun* (Dolby Laboratories)* Kuan-Chieh Yen (Cambridge Silicon Radio)
907	Digital Camera Identification Based on the Clustered Pattern Noise of Image Sensors	Yoichi Tomioka* (Tokyo Univ. of Agri. and Tech.)* Hitoshi Kitazawa (Tokyo Univ. of Agri. and Tech.)
908	PHOTO IDENTITY TAG SUGGESTION USING ONLY SOCIAL NETWORK CONTEXT ON LARGE-SCALE WEB SERVICES	Chi-Yao Tseng* (Academia Sinica, Taiwan)* Ming-Syan Chen (Research Center for Information Technology Innovation, Academia Sinica)
914	LOW-COMPLEXITY RATE-DISTORTION OPTIMIZATION FOR ROBUST H.264 VIDEO CODING	Jing Yang* (Shanghai Maritime University)* Bowen An (Shanghai Maritime University)
916	Temporal-Spatial Face Recognition Using Multi-Atlas and Markov Process Model	Gaopeng Gou* (Beihang university)* Rui Shen (University of Alberta) yunhong Wang (beihang university) anup Basu ()
917	Rapid Infrared Multi-Spectral Systems Design using a Hyperspectral Benchmarking Framework	Angel Dacal-Nieto* (Universidade de Vigo)* Arno Formella (Universidade de Vigo) Pilar Carrion (Universidade de Vigo) Esteban Vazquez-Fernandez (Gradiant) Manuel Fernandez-Delgado (Universidade de Santiago de Compostela)
918	Realistic Audio in Immersive Video Conferencing	Sanjeev Mehrotra* (Microsoft Research)* Wei-Ge Chen (Microsoft Reserach) Zhengyou Zhang (Microsoft Research) Philip Chou ()
922	Content-Aware Auto-Soundtracks for Personal Photo Music Slideshows	Peter Dunker* (Gracenote, Inc.)* Phillip Popp () Randall Cook (Gracenote, Inc.)
928	DEVELOPEMENT OF PORTABLE SOUND EFFECTOR	Kyungjin Byun* (ETRI)* Nak-Woong Eum (ETRI) Hee-Bum Jung (ETRI)
941	Virtual tyre production: learning industrial process through an informed virtual environment	Jérôme Olive* (UTC Compiègne)* Indira Mouttapa Thouvenin (UTC)
942	Trajectory based Video Object Manipulation	Rajvi Shah* (CVIT, IIIT Hyderabad)* P Narayanan (CVIT, IIIT Hyderabad)
944	A web system for ontology-based multimedia annotation, browsing and search	Marco Bertini* (Università di Firenze)* Giuseppe Becchi (MICC) Alberto del Bimbo (University of Firenze) Andrea Ferracani (MICC) Daniele Pezzatini (MICC)
945	EXTENDING G.1070 FOR VIDEO QUALITY MONITORING	Niranjan Narvekar (Dialogic Media Lab) Tao Liu* (Dialogic Media Lab)* Dekun Zou (Dialogic) Jeffrey Bloom (Dialogic Media Lab)
948	A real-time crosstalk canceller on a notebook GPU	JOSE A. BELLOCH* (UNIV. POLITECNICA DE VALENCIA)* Alberto Gonzalez (Univ. Politecnica de Valencia) Francisco j. Martinez-Zaldivar (Univ. Politecnica de Valencia) Antonio M. Vidal (Univ. Politecnica de Valencia)
957	BUILDING DYNAMIC RELATION TREE FROM PHOTO COLLECTIONS	Tong Zhang* (HP Labs)*
958	PHOTOBOOK CREATION AND SOCIAL SHARING ON FACEBOOK	Peng Wu* (HP Labs)* Eamonn obrien-strain (HP Labs) Brian Messenlehner () Dan Tretter ()
959	AVS VIDEO DECODER ON MULTICORE SYSTEMS: OPTIMIZATIONS AND TRADEOFFS	Konstantinos Krommydas* (Virginia Tech)* Christos Antonopoulos (University of Thessaly) Nikolaos Bellas (University of Thessaly) Wu-chun Feng (Virginia Tech)

962	KEY-FRAME EXTRACTION AND KEY-FRAME RATE DETERMINATION USING HUMAN ATTENTION MODELING	Huang-Chia Shih* (Yuan Ze University)*
966	COMPLEXITY-AWARE ADAPTIVE BIT-RATE CONTROL WITH DYNAMIC ROI PRE-PROCESSING FOR SCALABLE VIDEO CODING	Dan Grois* (Ben-Gurion University of the N)* Ofer Hadar (Ben-Gurion University of the Negev)
968	Embedded System for TV Power Reduction by Viewer Monitoring	Choong Geun Lee* (Fukuoka University)* Vasily Moshnyaga (Fukuoka University)
972	APPLICATION OF RECOMMENDATION METHODS FOR TV PROGRAMS	Harald Kosch* (University of Passau)* Günther Hölbling (University of Passau)
977	FIELD PERFORMANCE EVALUATION OF VOIP IN 4G TRIALS	Hongguang Zhang* (Chinese Academy of Sciences)* Mohammed Boutabia () Hang Nguyen () Lingnan Xia ()
984	face synthesis from near-infrared to visual light spectrum using quotient image and kernel-based multifactor analysis	Zeda Zhang* (Beihang University)* yunhong Wang (beihang university) Zhaoxiang Zhang () Guangpeng Zhang (Beihang University)
985	DISTRIBUTED SYSTEM FOR MULTIPLE CAMERA TRACKING	Karianto Leman (Inst. for Infocomm Research) Nam Trung Pham* (Inst. for Infocomm Research)* Richard Chang (Inst. for Infocomm Research) Chris Wirianto (Inst. for Infocomm Research) Issac Pek (Inst. for Infocomm Research)
990	Commercial Detection by Mining Maximal Repeated Sequence in Audio Stream	Jiansong Chen* (IACAS)* Teng Li (Institute of Automation, Chinese Academy of Sciences) Lei Zhu () Peng Ding (Institute of Automation, Chinese Academy of Sciences) Bo Xu (Institute of Automation, Chinese Academy of Sciences)
991	SMOODI: MOOD-BASED MUSIC RECOMMENDATION PLAYER	Seungjae Lee* (ETRI)* Jung Hyun Kim () Sung Min Kim () Won Young Yoo ()
992	Real World Activity Summary for Senior Home Monitoring	Hong Cheng* (UESTC)* Zicheng Liu (Microsoft) Yang Zhao (UESTC) Guo Ye (UESTC)
993	3-D Visual Tracking for Mobile Augmented Reality Applications	Byung-Kuk Seo (Hanyang University) Jungsik Park (Hanayang University) Jong-Il Park* (Hanayang University)*
994	Reasoning for video-mediated group communication	Manolis Falelakis* (Goldsmiths, Univ. of London)* Rene Kaiser (JOANNEUM RESEARCH) Wolfgang Weiss (JOANNEUM RESEARCH) Marian Ursu (Goldsmiths, University of London)
995	AUTOMATIC RESPIRATORY SOUND CLASSIFICATION USING TEMPORAL-SPECTRAL DOMINANCE	Feng Jin* (Ryerson University)* Farook Sattar () Sridhar Krishnan ()
996	Large-scale, Real-time Logo Recognition in Broadcast Videos	Pradeep Natarajan* (Raytheon BBN Technologies)* Yue Wu (Tufts University) Rohit Prasad (Raytheon BBN Technologies) Shirin Saleem (Raytheon BBN Technologies) Ehry Macrostie (Raytheon BBN Technologies) Frederick Bernardin (Raytheon BBN Technologies) Prem Natarajan (Raytheon BBN Technologies)
1000	3D FACIAL MESH DETECTION USING GEOMETRIC SALIENCY OF SURFACE	Yaochen Li (XJTU AIAR) Yuehu Liu* (XJTU-AIAR)*
1002	STRUCTURAL FINGERPRINT BASED HIERARCHICAL FILTERING IN SONG IDENTIFICATION	Qiang Wang* (BUPT)* zhiyuan Guo () Gang Liu () guo jun (Beijing university of posts and telecommunications)
1008	A QUANTITATIVE APPROACH FOR COMPARISON AND EVALUATION OF LIGHT FIELD RENDERING TECHNIQUES	Hooman Shidanshidi* (University of Wollongong)* Farzad Safaei (University of Wollongong) Wanqing Li (University of Wollongong)
1010	Architecture Exploration of QoS Control Silicon Intellectual Properties for Cross-Layer Designs in Wireless Networks	Chao-Lieh Chen* (National Kaohsiung First Univ.)* Li-Shin Chuo (National Kaohsiung 1st univ.) Wu-Liang Cheng (Kun-Shan University) Chun-Ching Wu (Kun-Shan University) Chien-Hao Lai (Kun-Shan University)
1011	Graph-based filtering of ballistic trajectory	Pascaline Parisot* (UCL)* Christophe De Vleeschouwer (Catholic University of Louvain)
1012	Wave Seeds	JungHyun Han* (Korea University)*
1019	A NEW SCALABLE MULTI-VIEW VIDEO CODING CONFIGURATION FOR MOBILE APPLICATIONS	Hoda Roodaki Lavasani* (University of Tehran)* Mahmoud Reza Hashemi (University of Tehran) Shervin Shirmohammadi (University of Ottawa)
1021	HotFlashes: Thumbnailing Videos of Social Gatherings by Detecting Camera Flash Illuminated Frames	Shiva Sundaram* (Deutsche Telekom Laboratories)* vladan Velisavljevic (Deutsche Telekom Laboratories) Yujie Qin (yujie.qin@telekom.de)

1026	A HANDY CALIBRATOR FOR COLOR VISION OF A HUMAN OBSERVER	Patrick Morvan* (Technicolor)* Abhijit Sarkar (technicolor) Jurgen Stauder (Technicolor) Laurent Blonde (Technicolor) Jonathan Kervec (Technicolor)
1027	Heterogeneous Multimodal Sensors Based Activity Recognition System	Qiong Ning* (ICT, CAS, China)* Yiqiang Chen (Institute of Computing Technology, Chinese Academy of Sciences) Junfa Liu (ICT) Huiguo Zhang (ICT)
1029	AN IN-PLACE TEXTURE SYNTHESIS TECHNIQUE FOR MEMORY CONSTRAINED MULTIMEDIA APPLICATIONS	Alexy Badalov (University of Alberta) Irene Cheng (University of Alberta) Claudio Silva (University of Utah) anup Basu* (*)
1032	SLIDESHOW:GESTURE-AWARE PPT PRESENTATION	Yiqiang Chen (Institute of Computing Technology, Chinese Academy of Sciences) Mingjie Liu* (InstituteofComputingTechnology)* Junfa Liu (ICT) Zhiqi Shen (Nanyang Technological Univ.) wei pan ()
1033	Segment duration for rate adaptation of adaptive HTTP streaming	Chenghao Liu* (Tampere University of Tech.)* Imed Bouazizi (Nokia Research Center) Moncef Gabbouj ()
1034	MOBILE MIXED REALITY GAMES CREATOR BASED ON MPEG-4 BIFS	Blagica Jovanova* (Telecom SudParis)* Ivica Arsov (Telecom SudParis) Anh Tuan DOAN (Telecom SudParis) Denis Conan (Telecom SudParis) Alain Ozanne (Telecom SudParis) Marius Preda (Institut TELECOM / TELECOM & Management SudParis)
1036	H.264 Video Transmission over 2 x 2 OFDM-MIMO	Tiago Silva* (Instituto das Telecomunicações)* Miguel Veiga () Antonio Navarro (Instituto de Telecomunicações, Aveiro, Portugal)
1039	SHBS: A Heuristic for Fast Inter Mode Decision of H.264/AVC Standard Targeting VLSI Design	Guilherme Corrêa* (Instituto de Telecomunicações)* Daniel Palomino (Federal University of Pelotas) Claudio Diniz () Sérgio Bampi () Luciano Agostini ()
1040	A Decision-Theoretic Approach for Quality-of-Experience Measurement and Prediction	Karan Mitra* (Monash University)* Christer Åhlund (Luleå University of Technology) Arkady Zaslavsky (Luleå University of Technology)
1042	MVC BASED SCALABLE CODEC ENHANCING FRAME-COMPATIBLE STEREOSCOPIC VIDEO	Ying Chen* (Qualcomm)* Rong Zhang (Qualcomm) Marta Karczewicz ()
1045	LARGE-SCALE VISUAL SEARCH BASED ON VOTING IN REDUCED POSE SPACE WITH APPLICATION TO MOBILE SEARCH AND VIDEO COLLECTIONS	Tomasz Adamek* (Telefonica Research)* David Marimon (Telefonica R&D)
1046	3D MOBILE AUGMENTED REALITY IN URBAN SCENES	Gabriel Takacs (Stanford) Maha El Choubassi* (Intel Corporation)* yi Wu (Intel) Igor Kozintsev (Intel)
1053	LipActs: Efficient Representations for Visual Speakers	Eric Zavesky* (AT&T Labs - Research)*