ICME 2011 Workshops

ID	Title	Track	Name (Org)
3	A Copyright-Protection Watermark Mechanism Based on Generalized Brain-State-in-a-Box Neural Network and Error Diffusion Halftoning	Content Protection & Forensics	Li Fan* (Nankai University)* Tiegang Gao () Qunting Yang (Nankai University) Yanjun Cao ()
7	HTTP Adaptive Streaming with Media Fragment URIs	Streaming and Media Communications	Wim Van Lancker (Ghent University - IBBT) Davy Van Deursen* (Ghent University - IBBT)* Erik Mannens (Ghent University - IBBT) Rik Van de Walle (Ghent University - IBBT)
9	EVALUATING THE PERCEIVED QUALITY OF INFRASTRUCTURE-LESS VOIP	Streaming and Media Communications	Kun-Chan Lan (National Cheng Kung University) Tsung-Hsun Wu* (National Cheng Kung University)*
12	FAST VIDEO SEARCH AND INDEXING FOR VIDEOSURVEILLANCE APPLICATIONS WITH OPTIMALLY CONTROLLED FALSE ALARM RATES	Advances in Automated Multimedia Surveillance for Public Safety	Jose-Luis Lisani* (Univ. Illes Balears)* Antoni Buades (Univ. Illes Balears) Lenny Rudin (Cognitech Inc.)
13	When users generate music playlists: When words leave off, music begins?	Advances in Music Information Research	Simone Stumpf* (City University London)* Sam Muscroft (City University London)
14	QOE-BASED DYNAMIC RESOURCE ALLOCATION FOR MULTIMEDIA TRAFFIC IN IEEE 802.11 WIRELESS NETWORKS	Streaming and Media Communications	Xinghua Sun (City university of hong kong) Kandaraj Piamrat () Cesar Viho* (IRISA/Universite de Rennes I)*
19	Design Issues of Ambient Social Media for Better Decision Making	Interactive Ambient Intelligent Multimedia Environments	Tatsuo Nakajima* (Waseda University)* Tetsuo Yamabe (Waseda University)
21	REAL 3D INTERACTION BEHIND MOBILE PHONES FOR AUGMENTED ENVIRONMENTS	Vision and Graphics Computing for Multimedia Communications	Farid Abedan Kondori* (Umea University)* Shahrouz Yousefi (Umea University) Haibo Li ()
23	The Large-scale Crowd Density Estimation Based On Sparse Spatiotemporal Local Binary Pattern	Advances in Automated Multimedia Surveillance for Public Safety	Hua Yang* (Shanghai Jiaotong University)* Hang Su (Shanghai Jiaotong University) Shibao Zheng (Shanghai Jiaotong University) Sha Wei (Shanghai Jiaotong University) Yawen Fan (Shanghai Jiaotong University)
24	Extracting Multi-Size Local Descriptors by GPU Computing	Visual Content Identification and Search	Naoyuki Ichimura* (AIST)*
29	DRM VIOLATION DETECTION USING CONSUMER LOGS ANALYSIS	Content Protection & Forensics	Amit Sachan* (NTU)* Sabu Emmanuel (Nanyang Technological Universi)
31	UNDERSTANDING GEOMETRIC MANIPULATIONS OF IMAGES THROUGH BOVW-BASED HASHING	Content Protection & Forensics	Sebastiano Battiato (University of Catania) Giovanni Farinella* (University of Catania)* Enrico Messina (University of Catania) Giovanni Puglisi (University of Catania)
32	REVERSIBLE IMAGE WATERMARKING BASED ON PREDICTION-ERROR EXPANSION AND COMPENSATION	Content Protection & Forensics	Yi Luo (Peking University) Fei Peng (Peking University) Xiaolong Li* (Peking University)* Bin Yang (Peking University)
33	Game Theoretical Analysis of Wireless Multiview Video Multicast using Cooperative Peer-to-peer Repair	Streaming and Media Communications	Vicky Zhao (University of Alberta) Gene Cheung* (NII)*
34	Wide-area Multi-object Tracking with Non-overlapping Camera Views	Advances in Automated Multimedia Surveillance for Public Safety	Youlu Wang* (Univeristy of Nebraska-Lincoln)* Senem Velipasalar () Mustafa Cenk Gursoy ()

40	A Decision Support Engine for Video Surveillance Systems	Advances in Automated Multimedia Surveillance for Public Safety	Dewan Ahmed* (University of Ottawa)* Shervin Shirmohammadi (University of Ottawa)
41	Optimizing Frame Structure For Interactive Multiview Video Streaming With View Synthesis	Hot Topics in 3D Multimedia	Xiaoyu Xiu* (Simon Fraser University)* Gene Cheung (NII) Antonio Ortega (University of Southern California) Jie Liang (Simon Fraser University)
44	SECURITY AND PRIVACY IN ONLINE SOCIAL NETWORKS: A SURVEY	Content Protection & Forensics	Prateek Joshi* (Univ of Southern California)* jay Kuo (Univ of Southern California)
45	Clustering Meal Images in a Web-based Dietary Management System	Multimedia Services and Technologies for E-health	Gamhewage De Silva* (University of Tokyo)* Kiyoharu Aizawa (The University of Tokyo)
46	A FAST ALGORITHM FOR RAIN DETECTION AND REMOVAL FROM VIDEOS	Advances in Automated Multimedia Surveillance for Public Safety	Minmin Shen* (Nanyang Technological University)* Ping Xue (Nanyang Technological University)
58	INTERACTIVE MULTIMEDIA FOR ENGINEERING TELE-OPERATION	Streaming and Media Communications	Benjamin Jailly* (Télécom Saint-Étienne)* Marius Preda (Télécom SudParis) Christophe Gravier (Télécom Saint-Étienne) Jacques Fayolle (Télécom Saint-Étienne)
60	Indexing of Player Events Using Multimodal Cues in Golf Videos	Multimodal Audio-based Multimedia Content Analysis	Hyoung-Gook Kim (Kwangwoon University) Jinho Lee* (Kwangwoon University)*
61	CREDIT-TITLE DETECTION OF VIDEO CONTENTS BASED ON ESTIMATION OF SUPERIMPOSED REGION USING CHARACTER DENSITY DISTRIBUTION	Visual Content Identification and Search	Ryota Mase* (NEC)* Ryoma Oami (NEC) Toshiyuki Nomura (NEC)
62	A NEW ROI GROUPING SCHEMA FOR AUTOMATIC IMAGE ANNOTATION	Visual Content Identification and Search	Rami Albatal* (LIG)* Philippe Mulhem (Laboratoire Informatique de Grenoble (LIG)) Yves Chiaramella (Laboratoire Informatique de Grenoble (LIG))
64	REAL-TIME LOCAL STEREO MATCHING USING GUIDED IMAGE FILTERING	Hot Topics in 3D Multimedia	Asmaa Hosni* (Vienna University of Technolog)* Michael Bleyer () Christoph Rhemann () Margrit Gelautz () Carsten Rother ()
69	Data Hiding for Quality Access Control and Error Concealment in Digital Images	Content Protection & Forensics	Santi Maity* (Bengal Engg.&Sc. Univ.)* Amit Phadikar (MCKV Institute of Technology) Claude Delpha (Laboratoire des Signaux et Systemes, CNRS,Universite Paris-Sud XI (UPS), Supelec)
70	SKYMEDIA – UAV-BASED CAPTURING OF HD/3D CONTENT WITH WSN AUGMENTATION FOR IMMERSIVE MEDIA EXPERIENCES	Hot Topics in Multimedia Delivery	Massimo Neri (Mavigex) Aldo Campi (Mavigex) Rosalba Suffritti* (Mavigex)* Francesco Grimaccia (Nimbus) Pedro Sinogas (Tekever) Olivier Guye () Christophe Papin () Theodoros Michalareas (VELTI) Laszlo Gazdag () Ismo Rakkolainen ()
71	Analyzing the Impact of Data Vectorization on Distance Relations	Advances in Music Information Research	Sebastian Stober* (Data & Knowledge Engineering Group, Otto-von-Guericke-University Magdeburg, Germ)* Andreas Nuernberger (OvGU Magdeburg)
72	An Efficient, Robust Video Fingerprinting System	Visual Content Identification and Search	Randall Cook* (Gracenote, Inc.)*
73	A METRIC FOR NO-REFERENCE VIDEO QUALITY ASSESSMENT FOR HD TV DELIVERY BASED ON SALIENCY MAPS	Hot Topics in Multimedia Delivery	Hugo BOUJUT* (LaBRI - University of Bordeaux)* Jenny BENOIS-PINEAU (LaBRI - University of Bordeaux) Toufik AHMED (LaBRI - University of Bordeaux) Ofer HADAR (Ben Gurion University of the Negev) Patrick BONNET (Audemat - Worldcast Sytems Group)

74	Automatic Line Mark Recognition and Its Application in Camera Calibration in Soccer Video	Vision and Graphics Computing for Multimedia Communications	Jiang Bu* (National University of Defense)* Songyang Lao (NUDT) liang Bai (NUDT)
75	Obscure Spread Spectrum Watermarking	Content Protection & Forensics	Yongdong WU* (Institute for Infocomm Researc)* Szeling Yeo (Institute for Infocomm Research, Singapore)
76	Detecting Highlights in Sports Videos: Cricket as a Test Case	Visual Content Identification and Search	Hao Tang* (HP Labs)* Vivek Kwatra ("Google Research, USA") Mehmet Emre Sargin (Google) Ullas Gargi (Google)
78	A Study of Developing the Procedural Logic Learning System Using the Concept of Therbligs	Edutaiment	Yu Ren Yen* (Far East University)*
79	DATA HIDING IN DOT DIFFUSED HALFTONE IMAGES	Content Protection & Forensics	Yuanfang Guo* (HKUST)* Oscar Au (HKUST) Ketan Tang (HKUST) Lu Fang (HKUST) Zhiding Yu (HKUST)
82	TOPOLOGICAL SYNCHRONIZATION MECHANISM FOR ROBUST WATERMARKING ON 3D SEMI-REGULAR MESHES	Vision and Graphics Computing for Multimedia Communications	Ali Beddiaf* (University of Biskra)* William Puech () Med Chaouki Babahenini ()
83	A MIDDLEWARE PLATFORM FOR REAL-TIME PROCESSING OF MULTIPLE VIDEO STREAMS BASED ON THE DATA-FLOW PARADIGM	Advances in Automated Multimedia Surveillance for Public Safety	Pasquale Foggia* (Università di Salerno)* Mario Vento (Università di Salerno)
84	Improved Intra Mode Signaling for HEVC	Acoustic and Video Coding and Communication	Glenn Van Wallendael* (Ghent University - IBBT)* Sebastiaan Van Leuven (Ghent Univerity - IBBT) Jan De Cock (Ghent Univerity - IBBT) Peter Lambert (Ghent Univerity - IBBT) Joeri Barbarien (Vrije Universiteit Brussel – IBBT) Adrian Munteanu (Vrije Universiteit Brussel – IBBT) Rik Van de Walle (Ghent Univerity - IBBT)
85	AMP: Artist-based Musical Preferences Derived from Free Verbal Responses and Social Tags	Advances in Music Information Research	Rafael Ferrer Flores* (University of Jyväskylä)* Tuomas Eerola (University of Jyvaskylä)
86	RATE-DISTORTION-COMPLEXITY OPTIMIZATION FOR VLSI IMPLEMENTATION OF INTEGER MOTION ESTIMATION IN H.264/AVC ENCODER	Acoustic and Video Coding and Communication	Alireza Aminlou* (University of Tehran)* Zahra NajafiHaghi () Majid Namaki () M. R. Hashemi ()
87	Improving the key extraction performance of a simultaneous local key and chord estimation system	Advances in Music Information Research	Johan Pauwels* (Ghent University)* Jean-Pierre Martens (Ghent University) Marc Leman (Ghent University)
88	Optimal Source Rate Allocation in Body Sensor Networks with Energy Harvesting	Multimedia Services and Technologies for E-health	Yifeng He* (Ryerson University)* Wenwu Zhu (Microsoft Research Asia, China) Ling Guan (Ryerson University)
89	Optimal Resource Allocation to Provide QoS Guarantee in Pervasive Health Monitoring Systems	Multimedia Services and Technologies for E-health	Yifeng He* (Ryerson University)* Wenwu Zhu (Microsoft Research Asia, China) Ling Guan (Ryerson University)
90	Saliency-Preserving Video Compression	Acoustic and Video Coding and Communication	Hadi Hadizadeh* (Simon Fraser University)* Ivan Bajic (Simon Fraser University)
95	Musical Genre Classification of MPEG-4 TwinVQ Audio Data	Advances in Music Information Research	Michihiro Kobayakawa* (Tokyo Metropolitan College)* Mamoru Hoshi (University of Electro-Communications)
97	Reverse Engineering the YouTube Video Delivery Cloud	Hot Topics in Multimedia Delivery	Vijay Adhikari* (University of Minnesota)* Sourabh Jain (University of Minnesota) Yingying Chen (University of Minnesota) Zhi-Li Zhang (University of Minnesota)

107	HYBRID VIDEO CODEC BASED JOINT RATE CONTROL OF STEREOSCOPIC VIDEO FOR TERRESTRIAL BROADCASTING SERVICES	Acoustic and Video Coding and Communication	Yongjun Chang* (KAIST)* Jaeil Kim () Munchurl Kim (KAIST)
112	An Evaluation of Piece-Picking Algorithms for Layered Content in Bittorrent-based Peer-to-Peer Systems	Hot Topics in Multimedia Delivery	Michael Eberhard* (Klagenfurt University)* Tibor Szkaliczki () Hermann Hellwagner () László Szobonya () Christian Timmerer ()
113	Bit allocation for multiview image compression using cubic synthesized view distortion model	Hot Topics in 3D Multimedia	Vladan Velisavljevic* (Deutsche Telekom Laboratories)* Gene Cheung (National Institute of Informatics, Tokyo, Japan) Jacob Chakareski (Ecole Polytechnique Federale de Lausanne, Switzerland)
117	Virtual object distortions in 3D displays with only horizontal parallax	Hot Topics in 3D Multimedia	Amir Said* (Hewlett Packard Laboratories)* bruce Culbertson (Hewlett Packard Laboratories)
118	MULTI-SENSOR FIRE DETECTION USING VISUAL AND TIME-OF-FLIGHT IMAGING	Advances in Automated Multimedia Surveillance for Public Safety	Steven Verstockt* (UGent - IBBT, ELIS - MMLab)* Pieterjan De Potter (ELIS Department, Multimedia Lab, Ghent University – IBBT) Sofie Van Hoecke (ELIT Lab, University College West Flanders, Ghent University Association) Peter Lambert (Ghent Univerity - IBBT) rik Van de Walle (Ghent University - IBBT)
120	Integrated Database Systems for Mobile Dietary Assessment and Analysis	Multimedia Services and Technologies for E-health	Marc Bosch Ruiz* (Purdue University)* TusaRebecca Schap () Nitin Khanna () Fengqing Zhu () Carol Boushey () Edward Delp ()
121	The amblr: a mobile spatial audio music browser	Advances in Music Information Research	Rebecca Stewart* (Queen Mary, University of Lond)* Mark Sandler (Queen Mary, University of London)
122	The Segment Ontology: bridging music-generic and domain-specific	Advances in Music Information Research	Ben Fields* (Goldsmiths University of Londo)* Kevin Page (Oxford e-Research Centre) David De Roure (Oxford e-Research Centre) Tim Crawford (Goldsmiths University of London)
123	Demystifying histograms of multi-quantised DCT coefficients	Content Protection & Forensics	Thomas Gloe* (Technische Universität Dresden)*
124	Kolmogorov Complexity in Lyrics	Advances in Music Information Research	Teppo Ahonen* (University of Helsinki)*
126	A No-reference Quality Measure for DIBR-Based 3D Videos	Hot Topics in 3D Multimedia	Mashhour Solh (Georgia Tech) Ghassan Al-Regib* (Georgia Tech)*
128	3-D VIDEO QUALITY IMPROVEMENT USING DEPTH TRANSITION DATA	Hot Topics in 3D Multimedia	Woo-Shik Kim* (USC)* Antonio Ortega (USC) Jaejoon Lee () HoCheon Wey (Samsung)
139	MOBILE AUGMENTED REALITY FOR BOOKS ON A SHELF	Visual Content Identification and Search	David Chen* (Stanford University)* Sam Tsai (Stanford University) Cheng-Hsin Hsu (Deutsche Telekom R&D Labs USA) Jatinder Singh (Deutsche Telekom R&D Labs USA) Bernd Girod (Stanford University)
140	Classified Quadtree-based Adaptive Loop Filter	Acoustic and Video Coding and Communication	Qian Chen* (University of Florida)* Yunfei Zheng (Qualcomm) Dapeng Wu ("University of Florida, USA") Peng Yin (Dolby Laboratories, Inc.)
144	Transposition and Time-Warp Invariant Geometric Music Retrieval Algorithms	Advances in Music Information Research	Kjell Lemström* (University of Helsinki)* Mika Laitinen (University of Helsinki)
145	Novel Cross-layer Scheme for Video Transmission over LTE-based Wireless Systems	Streaming and Media Communications	Sotiris Karachontzits (University of Patras) Tasos Dagiuklas* (TEI of Mesolonghi)* Lambros Dounis (TEI of Mesolonghi)
147	Error concealment strategies for motion capture data streaming	Streaming and Media Communications	Choong-Hoon Kwak (Simon Fraser University) Ivan Bajic* (Simon Fraser University)*
150	Distributed Markov Decision Process in	Streaming and Media	Zhi Liu (National Institute of Informatics) Gene

151	INVESTIGATING STUDENTS' PERCEIVED SATISFACTION, BEHAVIORAL INTENTION, AND EFFECTIVENESS OF ENGLISH LEARNING USING AUGMENTED REALITY	Edutaiment	Yuan-Jen Chang* (Central Taiwan University of Science & Technology)* Chin-Hsing Chen (Central Taiwan University of Science & Technology) Wen-Tzeng Huang (Department of Computer Science and Information Engineering, Minghsin University) Wei-Shiun Huang (Central Taiwan University of Science and Technology)
152	Evaluation of backward mapping DIBR for FVV applications	Hot Topics in 3D Multimedia	Daniel Berjón* (Universidad Politécnica Madrid)* Alexander Hornung (Disney Research) Francisco Morán Burgos (UPM) Aljosa Smolic (Disney Research Zurich)
153	A MULTI-LAYER KEY STREAM BASED APPROACH FOR JOINT ENCRYPTION AND COMPRESSION OF H.264 VIDEO	Content Protection & Forensics	Suman Deb Roy* (University of Missouri)* Jun Tian (Huawei Technologies) Heather Yu (Huawei Technologies) Wenjun Zeng (Univ. of Missouri)
154	DETECTION AND TRACKING OF MULTIPLE MOVING OBJECTS IN VIDEO SEQUENCE USING ENTROPY MASK METHOD AND FAST LEVEL SET METHOD	Advances in Automated Multimedia Surveillance for Public Safety	Wanhyun Cho (Chonnam National University) Sunworl Kim () Gukdong Ahn* (Chonnam National University)*
157	OFFERING STREAMING RATE ADAPTATION TO COMMON MEDIA PLAYERS	Streaming and Media Communications	George Toma* (FUNDP)* Laurent Schumacher (FUNDP) christophe De Vleeschouwer (ICTEAM, UCL, Louvain-la-Neuve, Belgium)
158	AUTOMATIC CONTENT CREATION FOR MULTIVIEW AUTOSTEREOSCOPIC DISPLAYS USING IMAGE DOMAIN WARPING	Hot Topics in 3D Multimedia	miquel Farre (DRZ) Oliver Wang (DRZ) Manuel Lang (DRZ) Nikolce Stefanoski (DRZ) Alexander Hornung (Disney Research) Aljosa Smolic* (Disney Research Zurich)*
159	A SMART ENVIRONMENT FOR AUGMENTED LEARNING THROUGH PHYSICAL BOOKS	Interactive Ambient Intelligent Multimedia Environments	George Margetis* (Foundation for Research and Te)* Panagiotis Koutlemanis () Xenophon Zabulis (FORTH-ICS) Margherita Antona () Constantine Stephanidis ()
160	Statistical modelling of outliers for fast visual search	Visual Content Identification and Search	Skjalg Lepsoy* (Telecom Italia)* Gianluca Francini (Telecom Italia) Giovanni Cordara (Telecom Italia) Pedro de Gusmão ()
161	AUTOMATIC SYNCHRONIZATION OF ELECTRONIC AND AUDIO BOOKS VIA TTS ALIGNMENT AND SILENCE FILTERING	Multimodal Audio-based Multimedia Content Analysis	Xavier Anguera Miro* (Telefonica I+D)* Andreu Urruela (Telefonica Research) Nestor Perez (Telefonica Research) Nuria Oliver (Telefonica Research)
162	TV as a human interface for ambient intelligence environments	Interactive Ambient Intelligent Multimedia Environments	Gorka Epelde* (Vicomtech-IK4)* Julio Abascal (University of the Basque Country) Xabier Valencia (Vicomtech-IK4) Unai Díaz (Ingema) Christian Husodo-Schulz (DFKI) Ingo Zinnikus (DFKI)
164	AUTOMATIC VOICE DISORDER CLASSIFICATION USING VOWEL FORMANTS	Multimedia Services and Technologies for E-health	Ghulam Ghulam* (King Saud University)* Mansour Alsulaiman (King Saud University) Awais Mahmood (King Saud University) Zulfiqar Ali (King Saud University)
168	Evaluating the Networking Performance of Linux-based Home Router Platforms for Multimedia Services	Multimedia-Aware Networking	Ingo Kofler* (AAU Klagenfurt)* Robert Kuschnig (AAU Klagenfurt) Hermann Hellwagner (AAU Klagenfurt)
170	Multi-modality likelihood based particle filtering for 2-D direction of arrival tracking using a single acoustic vector sensor	Acoustic and Video Coding and Communication	XIONGHU ZHONG* (Nanyang Technological Uni.)* A. Premkumar () A. Madhukumar () Lau chiew Tong ()
173	An Analysis on Bitwise Operations in the Encrypted Domain	Content Protection & Forensics	Sung-Him Chui* (HKUST)* Oscar Au (HKUST) Chun-Wing Kwok (HKUST) Yujun Li () Lingfeng Xu () Wenxiu Sun ()
175	Calibration Between Depth and Color Sensors for Commodity Depth Cameras	Hot Topics in 3D Multimedia	Cha Zhang* ("Microsoft Research, USA")* Zhenyou Zhang (Microsoft Research)
178	TECHNICAL OVERVIEW OF VP8, AN OPEN SOURCE VIDEO CODEC FOR THE WEB	Acoustic and Video Coding and Communication	Jim Bankoski (Google) Paul Wilkins (Google) Yaowu Xu* (Google)*

179	Directed Image Search with Local Parallel Feature Axes	Visual Content Identification and Search	Stefan Gumhold* (TU Dresden)* Marcel Spehr (CGV, TU DRESDEN)
181	A HAND-HELD MULTIMEDIA TRANSLATION AND INTERPRETATION SYSTEM FOR DIET MANAGEMENT	Multimedia Services and Technologies for E-health	Albert Parra Pozo* (Purdue University)* Andrew Haddad (Purdue University) Mireille Boutin (Purdue University) Edward Delp (Purdue University)
182	Textured Mesh Generation of Extracted Regions from Urban Range-Scanned LIDAR Data	Hot Topics in 3D Multimedia	Alexandri Zavodny* (University of Notre Dame)* Patrick Flynn (University of Notre Dame) Xin Chen (NAVTEQ Corporation)
184	DYNAMIC PROGRAMMING-BASED OPTIMIZATION FOR AUDIO-VISUAL SKIMS	Vision and Graphics Computing for Multimedia Communications	Yu Huang* (Huawei)* Jizhou Gao (University of Kentucky) Heather Yu (Huawei Technologies)
186	Album-based object-centric event recognition	Visual Content Identification and Search	Shen-Fu Tsai* (UIUC)* Feng Tang (HP Labs) Thomas Huang (UIUC)
191	An efficient angle-based shape matching approach towards object recognition	Visual Content Identification and Search	Zhiyuan Zhang* (Shanghai Jiao Tong University)* Aixin Zhang (Shanghai Jiao Tong University) Jianhua Li (Shanghai Jiao Tong University) Shenghong Li (Shanghai Jiao Tong University)
192	A SURVEILLANCE SYSTEM BASED ON SOCIAL NETWORKING AND LOCALIZATION	Advances in Automated Multimedia Surveillance for Public Safety	Wonyoung Kwak* (Seoul National Univ.)* Jinyoung Han (Seoul Nat'l Univ.) Nakjung Choi (Seoul Nat'l Univ.) Ted 'Taekyung' Kwon () Yanghee Choi ()
197	Scalable Video Dissemination with Prioritized Network Coding	Streaming and Media Communications	Eymen Kurdoglu (EPFL) Nikolaos Thomos* (Ecole Polytechnique Federale de Lausanne (EPFL))* Pascal Frossard (Ecole Polytechnique Federale de Lausanne (EPFL))
199	A Novel Marking Mechanism for Packet Video Delivery over DiffServ Networks	Hot Topics in Multimedia Delivery	Haidong Wang (Xi'an Jiaotong University) Guizhong Liu* (Xi'an Jiaotong University)* Lishui Chen (Xi'an Jiaotong University) Qinli Wang (Xi'an Jiaotong University)
203	VIVIE: A VIDEO-SURVEILLANCE INDEXER VIA IDENTITY EXTRACTION	Advances in Automated Multimedia Surveillance for Public Safety	Daniel Riccio* (University of Salerno)* Maria De Marsico (La Sapienza Università di Roma) Michele Nappi (University of Salerno) Andrea Abate (University of Salerno)
209	Quality Impact of Scalable Video Coding Tunneling for Media-Aware Content Delivery	Multimedia-Aware Networking	Michael Grafl* (Alpen-Adria Universitaet)* Christian Timmerer (Klagenfurt University) Hermann Hellwagner ()
212	All-around Ray-reproducing 3DTV	Hot Topics in 3D Multimedia	Tomohiro Yendo* (Nagoya University)* Toshiaki Fujii () Mehrdad Panahpour Tehrani () Masayuki Tanimoto ()
213	Social Focus of Attention as a Time Function Derived from Multimodal Signals	Multimodal Audio-based Multimedia Content Analysis	Danil Korchagin* (Idiap Research Institute)* Hamid Reza Abutalebi (Idiap Research Institute)
214	Just-in-Time Multimodal Association and Fusion from Home Entertainment	Multimodal Audio-based Multimedia Content Analysis	Danil Korchagin* (Idiap Research Institute)* Petr Motlicek (Idiap Research Institute) Stefan Duffner (Idiap Research Institute) Hervé Bourlard (Idiap Research Institute)
216	Analyzing the Inner Workings of the Signature Quadratic Form Distance	Visual Content Identification and Search	Christian Beecks* (RWTH Aachen University)* Thomas Seidl (RWTH Aachen University)
219	EVALUATION OF BANDWIDTH PERFORMANCE FOR INTERACTIVE SPHERICAL VIDEO	Multimedia-Aware Networking	Patrice Rondao Alface* (Alcatel-Lucent Bell Labs)* Jean-Francois Macq (Alcatel-Lucent Bell Labs Belgium) Nico Verzijp (Alcatel-Lucent Bell Labs Belgium)

220	HOME BOXES SUPPORT FOR AN EFFICIENT VIDEO-ON-DEMAND DISTRIBUTION	Multimedia-Aware Networking	SORAYA AIT CHELLOUCHE* (University of bordeaux)* Willy AUBRY (LaBRI-IMS) daniel Negru () yiping chen ()
222	P2P Video Streaming with Inter-session Network Coding	Streaming and Media Communications	Jonnahtan Saltarin (EPFL) Nikolaos Thomos* (Ecole Polytechnique Federale de Lausanne (EPFL))* Eirina Bourtsoulatze (EPFL) Pascal Frossard (Ecole Polytechnique Federale de Lausanne (EPFL))
223	FAST MOTION ESTIMATION WITH DUAL SEARCH WINDOW FOR STEREO 3D VIDEO ENCODING	Acoustic and Video Coding and Communication	Michal Joachimiak* (TUT)* Kemal Ugur (Nokia) Jani Lainema (Nokia) Moncef Gabbouj (TUT)
227	ENHANCING LEGACY INFRASTRUCTURES WITH CONTENT-AWARE ENABLERS TOWARDS A NETWORKED-MEDIA PLATFORM	Multimedia-Aware Networking	Petros Anapliotis* (CNRS,Labri Lab)* Evangelos Pallis (T.E.I. of Crete) daniel Negru () Vasilleios Zacharopoulos ("Technical Educational Institute of Crete (TEIC), Greece")
229	A PACKET LOSS ESTIMATION MODEL AND ITS APPLICATION TO RELIABLE MESH-BASED P2P VIDEO STREAMING	Streaming and Media Communications	Chi-Wen Lo () Chia-Wen Lin* ("National Tsing Hua University, Taiwan")* Yung-Chang Chen (National Tsing Hua University) Jen-Yu Yu ()
230	Object Detection using Homogeneous Probability Redistribution of Histograms	Interactive Ambient Intelligent Multimedia Environments	Mehdi Madani () Mahdi Bagheri* (None)* Amir Masood Eftekhari ()
231	QUALITY EVALUATION FOR REAL-TIME 3D VIDEO SERVICES	Hot Topics in 3D Multimedia	Chaminda Hewage* ("Kingston University, UK")* Maria Martini (Kingston University)
233	E-GLOVE: AN ELECTRONIC GLOVE WITH VIBRO-TACTILE FEEDBACK FOR WRIST REHABILITATION OF POST-STROKE PATIENTS	Multimedia Services and Technologies for E-health	Ali Karime* (University of Ottawa)* Hussein Al Osman (University of Ottawa) Wail Gueaieb (University of Ottawa) Abdulmotaleb EL SADDIK (Univ. of Ottawa)
235	A preliminary implementation of a content-aware network node	Multimedia-Aware Networking	Nikolaos Vorniotakis* ("NCSR Demokritos, Greece")* George Xilouris (NCSR Demokritos) Georgios Gardikis ("NCSR Demokritos, Greece") Nikolaos Zotos ("NCSR Demokritos, Greece") Evangelos Pallis (T.E.I. of Crete) Anastasios Kourtis ("NCSR Demokritos, Greece")
237	Fusion of Face Networks through the Surveillance of Public Spaces to Address Sociological Security Recommendations	Advances in Automated Multimedia Surveillance for Public Safety	SK Alamgir Hossain* (University of Ottawa)* Abu Saleh Md Mahfuju Rahman (University of Ottawa) Abdulmotaleb EL SADDIK (Univ. of Ottawa)
238	Anonymous Surveillance	Advances in Automated Multimedia Surveillance for Public Safety	Mukesh Saini* (National University of Singapo)* Pradeep Atrey (University of Winnipeg) Sharad Mehrotra (University of California, Irvine, USA) MOHAN KANKANHALL (National University of Singapore)
240	TOWARDS OPTIMAL PLACEMENT OF SURVEILLANCE CAMERAS IN A BUS	Advances in Automated Multimedia Surveillance for Public Safety	Khaled Amriki* (University of Winnipeg)* Pradeep Atrey (University of Winnipeg)
242	Mobile PointMe based Pervasive Gaming Interaction with Learning Objects Annotated Physical Atlas	Interactive Ambient Intelligent Multimedia Environments	Abu Saleh Md Mahfuju Rahman* (University of Ottawa)* Abdulmotaleb EL SADDIK (Univ. of Ottawa)
243	INTEROPERABILITY AND DATA SHARING SETTINGS IN A HEALTHCARE DATA MANAGEMENT SYSTEM	Multimedia Services and Technologies for E-health	Mehedi Masud* (Taif University, KSA)*

244	QOS-AWARE SERVICE COMPOSITION FOR VIDEO SURVEILLANCE	Advances in Automated Multimedia Surveillance for Public Safety	M. Shamim Hossain* (King Saud University)*
245	A FRAMEWORK FOR ADAPTIVE INTERACTION SUPPORT BASED ON QUALITY OF CONTEXT INFORMATION	Interactive Ambient Intelligent Multimedia Environments	M. Anwar Hossain* (King Saud University)*
248	P-VCD: A Pivot-Based Approach for Content-Based Video Copy Detection	Visual Content Identification and Search	Juan Manuel Barrios* (University of Chile)* Benjamin Bustos (University of Chile)
250	AN ANALYTICAL G/M/1 QUEUEING MODEL FOR PROVIDING GUARANTEED QoS IN MULTIMEDIA SURVEILLANCE	Advances in Automated Multimedia Surveillance for Public Safety	Mohsin Iftikhar* (King Saud University)* M. Anwar Hossain (King Saud University)
252	REAL-TIME SYNCHRONISATION OF MULTIMEDIA STREAMS IN A MOBILE DEVICE	Advances in Music Information Research	Rob Macrae * (QMUL)* Joachim Neumann (Telefonica Research) Xavier Anguera (Telefonica Research) Nuria Oliver (Telefonica Research) Simon Dixon (Centre for Digital Music, Queen Mary University of London)
254	SERVICE PROVIDER AND CONTENT AWARE NETWORK PROVIDER CROSS-LAYER OPTIMISATION OF MULTIMEDIA DISTRIBUTION	Multimedia-Aware Networking	Eugen Borcoci* ("UPB, Romania")* Serban Obreja (UPB) Christian Timmerer (Klagenfurt University) George Xilouris (NCSR Demokritos)
255	Quality assessment and error concealment for SVC transmission over unreliable channels	Acoustic and Video Coding and Communication	Marco Brandas* (Kingston University)* Mikko Uitto () Maria Martini (Kingston University) Janne Vehkapera ("VTT, Finland")
257	PACKETIZING SCALABLE STREAMS IN HETEROGENUS PEER-TO-PEER NETWORKS	Multimedia-Aware Networking	Alexandro Sentinelli* (STMicroelectronics)* Tea Anselmo (STMicroelectronics) Pasqualina Fragneto (STMicroelectronics) Amit Kumar () Beatrice Rossi (STMicroelectronics)
261	MEDIA RATE CONTROL FOR LARGE SCALE IMMERSIVE COMMUNICATIONS	Acoustic and Video Coding and Communication	Mohammed Raad* (RaadTech Consulting)* Raad Raad (University of Wollongong) Farzad Safaei (University of Wollongong)
266	A Context-Aware e-Health Framework for Students with Moderate Intellectual and Learning	Multimedia Services and Technologies for E-health	Abdulmotaleb EL SADDIK* (Univ. of Ottawa)*
271	MEECO: GAMIFYING ECOLOGY THROUGH A SOCIAL NETWORKING PLATFORM	Edutaiment	Danae Vara* (LaSalle)* Enric Macias () Sergio Gracia () Alba Torrents () Simon Lee ()
273	CONTEXT-AWARE PRIORITIZED GAME STREAMING	Interactive Ambient Intelligent Multimedia Environments	Hesam Rahimi* (University of Ottawa)* Ali Asghar Nazari Shirehjini (University of Ottawa) Shervin Shirmohammadi (University of Ottawa)
277	UNEQUAL ERROR PROTECTION BASED ON SLICE VISIBLITY FOR TRANSMISSION OF COMPRESSED VIDEO OVER OFDM CHANNELS	Acoustic and Video Coding and Communication	Laura Toni* (Italian Institute of Technolog)* Pamela Cosman (UCSD) Laurence Milstein (UCSD)
283	PREVENTATIVE STEGANALYSIS IN WIRELESS VISUAL SENSOR NETWORKS: CHALLENGES AND SOLUTIONS.	Content Protection & Forensics	Julien Jainsky* (Texas A&M University)* Deepa Kundur (Texas A&M University)
284	A RATE CONTROL ALGORITHM FOR x264 HIGH DEFINITION VIDEO CONFERENCING	Acoustic and Video Coding and Communication	Abbas Javadtalab* (University of Ottawa)* Mona Omidyeganeh (University of Ottawa) Shervin Shirmohammadi (University of Ottawa) Mojtaba Hosseini (University of Ottawa)