



# iWaiT2011

7 - 8 January 2011, Jakarta, Indonesia

7-Jan-11	Venue Oral I	Venue Oral II	Venue Oral III	Venue Poster
08:00- 09:00	Registration + Coffee			
09:00-10:30	Official Launch of IWAIT 2011 & Key note From The Minister			
10:30-10:40	Intermission / Short break			
10:40-11:40	Key Note I (Prof. Falco)			
11:40-13:00	Lunch break			
13:00-15:00	<a href="#">Track O.I.1 (5 papers) Image Processing - 1</a>	<a href="#">Track O.II.1 (5 papers) 3DTV/FTV - 1</a>	<a href="#">Track O.III.1 (5 papers) ISSD-1: Image Understanding</a>	<a href="#">Track P.1 Applications &amp; 3DTV/FTV</a>
15:00-15:20	Coffee Break			
15:20-17:20	<a href="#">Track O.I.2 (5 papers) Image Processing - 2</a>	<a href="#">Track O.II.2 (5 papers) Applications - 1</a>	<a href="#">Track O.III.2 (6 papers) ISSD-2 : Security</a>	<a href="#">Track P.2 Video Technology</a>
19:00-21:00	Banquette Dinner			

8-Jan-11	Venue Oral I	Venue Oral II	Venue Oral III	Venue Poster
08:00-09:00	Registration + Coffee			
09:00-09:40	Key Note II (Prof. Masayuki Tanimoto)			
09:40-10:20	Key Note III (Prof. Yo-Sung Ho)			
10:20-10:30	Intermission / Short Break			
10:30-12:30	<a href="#">Track O.I.3 + Keynote IV (Prof. Marzuki Khalid) Multimedia Technologies</a>	<a href="#">Track O.II.3 (5 papers) 3DTV/FTV - 2</a>	<a href="#">Track O.III.3 (5 papers) Image Processing - 3</a>	<a href="#">Track P.3 Image Processing</a>
12:30-13:30	Lunch			
13:30-15:30	<a href="#">Track O.I.4 (5 papers) Multimedia Technologies</a>	<a href="#">Track O.II.4 (5 papers) Applications - 2</a>	<a href="#">Track O.III.4 (5 papers) Video Technology - 2</a>	<a href="#">Track P.4 Applications &amp; MMTech</a>
15:30-15:50	Coffee Break			
15:50-17:20	<a href="#">Track O.I.5 (4 papers) Multimedia Technologies</a>	<a href="#">Track O.II.5 (4 papers) Applications - 3</a>	<a href="#">Track O.III.5 (4 papers) Video Technology and VR/MR/AR</a>	<a href="#">Track P.5 Image Processing</a>

**Track Theme:** Image Processing - 1  
**Code:** O.I.1

No	Ref Code	Title	
1	1569353295	Combining Gray-World assumption, White-Point correction and power transformation for automatic white balance	Ioannis Andreadis (Democritus University of Thrace, GR) Vasilios Vonikakis (Democritus University of Thrace, GR)
2	1569374125	A Digital Refocusing Method Using Probability Depth Maps	Koji Ikefuji (Chuo University, JP)
3	1569357195	Estimation of state of mind base on the motion of poses using 2 cameras	Souksakhone Bounyong (Utsunomiya University, JP) Kyota Aoki (Utsunomiya University, JP)
4	1569353141	Gradient-Space-Based Edge-Enhancing Trilateral Filter for Artistic Painting	Yoshida Yuto (Hiroshima Institute of Technology, JP) Xiaohua Zhang (Hiroshima Institute of Technology, JP)
5	1569358529	Layered Super-Resolution Method Without Image Registration for Two-Depths Scene	Ayanori Sonobe (Chuo University, JP)

**Track Theme:** 3DTV / FTV - 1

No	Ref Code	Title	Authors
1	1569357063	A New Basis Representation for Multiview Image	Takehiro Yamada (Tokyo Institute of Technology, JP) Toshiaki Fujii (Tokyo Institute of Technology, JP)
2	1569356209	Free Viewpoint Image Rendering System in a Network Environment	Norishige Fukushima (Nagoya Institute of Technology, JP) Yutaka Ishibashi (Nagoya Institute of Technology, JP)
3	1569356683	Rectification of Camera Array Using Bundle Adjustment	Dohyung Kim (Nagoya university, JP)
4	1569357793	Free-viewpoint Image Generation using Structure from Motion	Kota Takeuchi (Graduate School of Engineering, Nagoya University, JP) Norishige Fukushima (Nagoya Institute of Technology, JP) Tomohiro Yendo (Nagoya University, JP)
5	1569357325	Free-viewpoint Image Generation using Moving Object Detection	Kazuma Suzuki (Nagoya University, JP)

13:00-15:00

**Track Theme:** ISSD - 1  
Image Understanding

**Session Chair:**  
Prof. Yung-Lyul Lee (Sejong University)

No	Ref Code	Title	Authors
1	1569356369	Augmented Reality Using Multiple Barcodes	Tohru Hiroi (Tokyo Metropolitan University, JP) Masaaki Fujiyoshi (Tokyo Metropolitan University, JP) Hitoshi Kiya (Tokyo Metropolitan University, JP)
2	1569357201	Depth Recovery using Camera Motion Imitating Fixational Eye Movements for Wide Variation of Intensity Gradients	Hyekyung Sung (Tokyo metropolitan university, JP) Yuya Iida (Tokyo Metropolitan University, JP) Kan Okubo (Tokyo Metropolitan University, JP) Norio Tagawa (Tokyo Metropolitan University, JP)
3	1569357223	Integral Formed Depth Recovery using Camera Motion Imitating Fixational Eye Movement	Yuri Jitsukata (Tokyo Metropolitan University, JP) Kan Okubo (Tokyo Metropolitan University, JP) Norio Tagawa (Tokyo Metropolitan University, JP)
4	1569374661	A Single Tooth Segmentation Using PCA-Based Stacked Gabor Orientation	Pramual Choorat (King Mongkut's University of Technology Thonburi, TH)
5	submission_55	Interpretation of SeaWiFS Satellite Imageries for Identifying Potential Fish Capture Area in Aceh Province	Fardhi Adria (Syiah Kuala University, Indonesia) Khairul Munadi (Syiah Kuala University, Indonesia)

**Track Theme:** Image Processing - 2

**Session chair:**  
Prof. Dong-Wook Kim (Kwangwoon University)

No	Ref Code	Title	
1	1569357045	Full View Panoramic Image Construction for Multiple Target Tracking	Yeol-Min Seong (Korea Advanced Institute of Science and Technology, KR) Hyunwook Park (Korea Advanced Institute of Science and Technology (KAIST), KR)
2	1569357677	A New VLSI Architecture for High-performance CGH	Young-Ho Seo (Kwangwoon University, KR) Dong-Wook Kim (Kwangwoon University, KR) Hyun-Jun Choi (Kwangwoon University, KR) Jisang Yoo (Kwangwoon University, KR)
3	submission_34	Comparison of Cross Entropy Method, Optimize Learning Vector Quantization and Fuzzy Learning Vector Quantization for Classification of Plasmodium Falciparum	Iis Hamsir Ayub Wahab (Universitas Gadjah Mada, Indonesia) Adhi Susanto (Universitas Gadjah Mada, Indonesia) P. Insap Santosa. (Universitas Gadjah Mada, Indonesia) Maesadji
4	1569361817	Separating Pedestrians at a Traffic Junction from The Background Detected from a Car Video	Joo Kooi Tan (Kyushu Institute of Technology, JP)
5	1569362391	A Facade Image Composition Method for Urban Landscape Restoration	Asami Kishi (Tokyo Denki University, JP) Naoki Nakatsugawa (Tokyo Denki University, JP) Tomoaki Moriya (Tokyo Denki University, JP) Tokiichiro Takahashi (Tokyo Denki University,

Track Theme: Applications - 1

No	Ref Code	Paper Title	Authors
1	1569356971	Animations of Real Swimming via Motion Reconstruction	Seiya Takahashi (Toyohashi University of Technology, JP) Shigeru Kuriyama (Toyohashi University of Technology, JP)
2	1569362877	Implementation of Skin Material Detection Method using Near-IR on FPGA	Tatsuya Tomino (Gifu University, JP) Kunihiro Kato (Gifu University, JP) Kazuhiko Yamamoto (Gifu University, JP)
3	1569357331	A Time-Series Visual Simulation System of Flood-Hazard on DEM	Takahiro Hirano (Chuo University, JP) Mitsunori Makino (Chuo University, JP)
4	1569364959	A Proposal of a Care System Based on Virtual Tag	Hitoshi Horiuchi (Utsunomiya University, JP)
5	1569354059	Live Text-to-Video System Using Real-time Server-side Rendering	Narichika Hamaguchi (Japan Broadcasting Corporation, JP) Hiroyuki Kaneko (Japan Broadcasting Corporation, JP) Mamoru Doke (Japan Broadcasting Corporation, JP) Seiki Inoue (Japan Broadcasting Corporation, JP) Itsuo Kumazawa (Tokyo Institute of Technology, JP)

**Track Theme:** ISSD-2  
Security

No	Ref Code	Paper Title	Authors
1	1569353911	A Collaborative Scheme for Lossless Data Hiding and Image Scrambling	Shenchuan Liu (Tokyo Metropolitan University, JP) Masaaki Fujiyoshi (Tokyo Metropolitan University, JP) Hitoshi Kiya (Tokyo Metropolitan University, JP)
2	1569357011	A Practical Progressive Authentication Scheme for JPEG 2000 Codestreams	Marielena Palacios Perez (Tokyo Metropolitan University, JP) Masaaki Fujiyoshi (Tokyo Metropolitan University, JP) Hitoshi Kiya (Tokyo Metropolitan University, JP)
3	1569357111	A Method for Sharing Secret Images Realizing General Access Structure	Todorka Alexandrova (Waseda University, JP) Yoshiaki Suzuki (Tokyo Metropolitan University, JP) Kan Okubo (Tokyo Metropolitan University, JP) Norio Tagawa (Tokyo Metropolitan University, JP)
4	1569363103	Image Watermarking on Mean Filter Components in Two Chrominance Channels	Kharittha Thongkor (King Mongkut's University of Technology Thonburi, TH) Siravich Sritapanu (King Mongkut's University of Technology Thonburi, TH) Thumrongrat Amornraksa (King Mongkut's University of Technology Thonburi, TH)
5	1569368359	Enhanced Image Watermarking based on Prediction of Tuned Unbiased Watermarked Pixels	Thitiporn Pramoun (KMUTT, TH)
6	submission_58	Content Based Image Copy Detection Based On Sign of Wavelet Coefficients	Fitri Arnia (Syiah Kuala University, Indonesia) Agustinus Ifan (Syiah Kuala University, Indonesia) Khairul Munadi (Syiah Kuala University, Indonesia) Masaaki Fujiyoshi (Tokyo Metropolitan

**Track Theme:** Multimedia Technologies - 1

No	Ref Code	Title	
1	KEYNOTE SPEECH		Prof. Marzuki Khalid
2	1569357453	Image Processing Based Road-to-vehicle Visible Light Communication	Halpage Chinthaka Nuwandika Premachandra (Nagoya University, JP)
3	1569362851	A proposal of omni-directional object tracking method by using SOS	Shintaro Hayashi (Gifu University, JP) Kazuhiko Yamamoto (Gifu University, JP) Kunihito Kato (Gifu University, JP)
4	submission_1	Object Retrieval in Video Using Feature Quantization Of Scale Invariant Feature Transform (SIFT)	Wayan Sriyasa (Bogor Agricultural University, Indonesia) Sri Nurdiati (Bogor Agricultural University, Indonesia) Sony Hartono Wijaya (Bogor Agricultural University,



**Track Theme:** 3DTV / FTV - 2

No	Ref Code	Title	Authors
1	1569356009	Epipolar Plane Depth Image Representation for FTV	Takashi Ishibashi (Nagoya University, JP)
2	1569356679	Multi-view Ray Acquisition using Camera and Mirror System	Ryo Fukami (Nagoya University, JP)
3	1569357373	High-Spec Multiview Image Capturing System Using Wireless Network	Takayuki Tamaru (Tokyo Institute of Technology, JP) Takehiro Yamada (Tokyo Institute of Technology, JP) Toshiaki Fujii (Tokyo Institute of Technology, JP)
4	1569356945	Free-viewpoint Image Generation by moving multi-camera array	Takanori Yokoi (Nagoya University, JP)
5	1569356947	Resolution Improvement of Free-Viewpoint Image Generation	Kengo Ando (Nagoya University, JP)



Saturday, January 08, 2011  
**Track Oral III.3**

10:30-12:30

**Track Theme:** Image Processing - 3

**Session Chair:**  
 Prof. Chang-Su Kim (Korea University)

No	Ref Code	Title	
1	1569356759	Human Detection by Boosting-Based Co-occurrence of HOG and Color Feature	Ryo Matsumura (Kyushu Institute of Technology, JP) Akitoshi Hanazawa (Kyushu Institute of Technology, JP)
2	1569356773	GPGPU Accelerated Real-Time Joint Implementation of Spatiotemporal Energy Model and Disparity Energy Model	Akitoshi Hanazawa (Kyushu Institute of Technology, JP)
3	1569357217	Estimation of Direction of Vertical Surfaces in Outdoor Environments	Masaharu Kariya (Utsunomiya University, JP) Kyota Aoki (Utsunomiya University, JP)
4	1569357231	Geometric Correction with Direct and Indirect Reflections of Structured Light Projection	Kosuke Fukuyama (The University of Electro-Communications, JP) Naoki Hashimoto (The University of Electro-Communications, JP)
5	1569356763	Thumbnail Generation Technique Manifesting Image Characteristic	Seong-Gyun Jeong (Korea University, KR) Chang-Su Kim (University of Korea, KR)



Saturday, January 08, 2011  
**Track Oral I.4**

13:30-15:30

**Track Theme:** Multimedia Technologies - 2

**Session Chair:**  
 Prof. Yoonsik Choe (Yonsei University)

No	Ref Code	Title	
1	1569361949	Efficient component specification design for Multimedia Framework Applications	Sowon Kim (Hanyang University, KR) Hyungyu Kim (Hanyang University, KR) Minsoo Park (Hanyang University, KR) Taehee Lim (Hanyang University, KR) Euee S. Jang (Hanyang University, KR)
2	1569357367	A Content Retrieval System Using Pictures Taken from a Displayer	Jooyoung Lee (Electronics and Telecommunications Research Institute, KR)
3	1569357547	Highly Efficient Reversible Data Hiding Method with a Moving Window	Jihong Kang (Yonsei University, KR) Hong Lin Jin (Yonsei University, KR) Yoonsik Choe (Yonsei University, KR)
4	1569356923	Color restoration with Visual Feature Code	Shusuke Kibune (Toyohashi University of Technology, JP) Shigeru Kuriyama (Toyohashi University of Technology, JP)
5	1569357101	Fundamental Study on Factors for Automatic Generating Camerawork Adapted to Viewer's Environments	Hiroto Inoue (Utsunomiya University, JP)

**Track Theme:** Applications - 2

**Session Chair:**

Prof. Euee S. Jang (Hanyang University)

No	Ref Code	Paper Title	Authors
1	1569357241	An Expansion of Viewable Areas with Seamless Switching of Front-Projected Multiple Projectors	Yutaka Sakanashi (The University of Electro-Communication, JP) Naoki Hashimoto (The University of Electro-Communications, JP)
2	1569356935	Fish Tracking Using Color Feature Based on Orthogonal Stereo Vision	Primastuti Dewi (Pusan National University, Korea) HeeJoo Yoon (Pusan National University, KR) Tae-Soo Chon (Pusan National University, KR) Eui-Young Cha (Pusan National University, KR)
3	1569357047	Separation of Foreground and Background for Object Tracking in IR Image Sequence	PyeongGang Heo (Korea Advanced Institute of Science and Technology, KR) Su-Jin Park (LIG Nex1, KR) Sang-Hun Jin (LIG Nex1, KR) Sung-Un Kim (LIG Nex1, KR) Hyunwook Park (Korea Advanced Institute of Science and Technology (KAIST), KR)
4	1569358315	ROI selection using optical flow for object detection from a moving vehicle	Byoung-Kyu Dan (Korea University, KR) Yeo-Min Yun (Korea University, KR) Chun-Gi Lyuh (ETRI, KR) Tae Moon Roh (ETRI, KR) Sung Jea Ko (Korea University,
5	1569357429	Key Frame Detection Method from News Program using Common Features to News Topics	Kohei Sato (Seikei University, JP) Masaru Sugano (KDDI R&D Laboratories, Inc., JP)

**Track Theme:** Video Technology - 2

**Session Chair:**

Prof. Yo-Sung Ho (Gwangju Institute of Science and Technology)

No	Ref Code	Title	Authors
1	1569356677	Adaptive Pre/Post-Filtering Process for Intra Prediction	Jinho Lee (ETRI, KR)
2	1569357221	Interpolation Scheme for Fractional-Pel Motion Compensation Using Multi-Directional Filters	Quan Do (Gwangju Institute of Science and Technology (GIST), KR) Yo-Sung Ho (Gwangju Institute of Science and Technology, KR)
3	1569361809	A Background Modeling for Non-Empty Scene Videos	Kanokphan Lertniphonphan (Chulalongkorn University, TH) Supavadee Aramvith (Chulalongkorn University, TH) Thanarat Chalidabhongse (King Mongkut's Institute of Technology Ladkrabang, TH)
4	1569353279	Fast Intra Mode Decision Using DCT Coefficient in H.264/AVC	Sung-Wook Hong (Sejong University, KR) Yung Lyul Lee (Sejong University, KR)
5	1569357371	Inter-Frame Color Plane Interpolation for the Sequential Color Video System	Kenji Sugiyama (Seikei University, JP) Naoya Sagara (Seikei University, JP) Toshio Hasegawa (Seikei University, JP)

**Track Theme:** Multimedia Technologies - 3

No	Ref Code	Title	Authors
1	submission_47	Comparisons between Hilditch, Rosenfeld, Zhang-Suen, and Nagendraprasad - Wang-Gupta thinning algorithms for Javanese character image.	Anastasia Widiarti (Universitas Sanata Dharma Yogyakarta, Indonesia)
2	1569357285	Hierarchical Encoding System of Road-to-Vehicle Communication	Takato Masuda (Nagoya University, JP)
3	1569357353	An Algorithm of Fracture Matching Based on Measured Point Set of Fragment Surface	Kozue Shoji (Iwate University, JP)
4	1569356673	Parallel communication using visually non-lighting LEDs	Keita Maeno (Nagoya University, JP) Tomohiro Yendo (Nagoya University, JP) Mehrdad Panahpour Tehrani (Graduate School of Engineering, Nagoya University, JP) Toshiaki Fujii (Tokyo Institute of Technology, JP) Hiraku Okada (Saitama University, JP) Takaya Yamazato (Nagoya University, JP) Masayuki Tanimoto (Graduate School of Engineering, Nagoya University, JP)

**Track Theme:** Applications - 3

No	Ref Code	Paper Title	Authors
1	1569357265	Stylized Comic Layout Simulationâ€”From Movie Shots to Specific Stylized Comic Layout	ChiaMin Hsu (University of National Chiao Tung University, Hsinchu, TW)
2	submission_50	Design Software To Help The Diagnostic Detection Of Cancer Troboblastic	Marvin Chandra Wijaya (Maranatha Christian University, Indonesia) Semuil Tjiharjadi (Maranatha Christian University, Indonesia)
3	1569357365	A Classification Method of Keywords for Hyper-Notes	Takashi Ozeki (Fukuyama University, JP) Eiji Watanabe (Konan University, JP)
4	1569357499	Development of Automated Judging System for Artistic Gymnasticsâ€”Deduction of Revolutions Skills in Horizontal Bar -	Haruki Shimamoto (Graduate School of Computer and Cognitive Sciences, Chukyo University, JP) Tsuyoshi Taki (Chukyo University, JP) Junichi Hasegawa (Chukyo University, JP)

15:50-17:20

**Track Theme:** Video Technology and VR/MR/AR

**Session Chair:**  
Kwang Hoon Sohn (Yonsei University)

No	Ref Code	Title	Authors
1	1569355111	Iterative Adjustment Intra Prediction for High Performance Video Coding	Yoshiaki Shishikui (NHK, JP)
2	1569357279	Noise Smoothing Method for Exterior Division of Image Morphing	Yosuke Nagasaka (Chukyo University, JP)
3	1569357421	Generation method of attractive character-posing based on Line-of-Action	Naoki Suga (Kanagawa Institute of Technology, JP) Hisashi Sato (Kanagawa Institute of Technology, JP) Satoshi Cho (Kanagawa institute of Technology, JP)
4	1569356589	Real-Time Camera Tracking for Markerless Augmented Reality	Juhyun Oh (Korean Broadcasting System, KR) Kwang Hoon Sohn (Yonsei University, KR)



**Track Theme:** Poster - 1  
Applications & 3DTV

**Session Chair:**  
Jeho Nam (ETRI)

No	Ref Code	Paper Title	Authors
1	1569355961	A Data Format and Partial Delivery Method for Interactive Panorama Video Streaming	Masayuki Inoue (NTT Corporation, JP) Hideaki Kimata (NTT Corporation, JP) Katsuhiko Fukazawa (NTT Corporation, JP) Norihiko Matsuura (NTT Corporation, JP)
2	1569357873	Characteristics of reconstructed holographic images of the produced by multiple recovering points using time-shared displaying technique	Kunihiko Takano (Tokyo metropolitan College of Industrial Technology, JP)
3	1569356977	Robust visual code based on arrangement patterns of figures	Yamada Takahiro (Toyohashi University of Technology, JP)
4	1569357013	Region of Interest Detection by Combining Expanded 1D profile with Difference to Detect Pedestrian	Woo Seok Choi (University of Sogang, KR) Dong Seok Kim (University of Sogang, KR) Ho Young Lee (Sogang University, KR) Kwae Hi Lee (University of Sogang, KR)
5	1569357083	Automatic photography system for traffic enforcement	Isao Nishihara (Toyama Prefectural University, JP) Shizuo Nakano (Toyama Prefectural University, JP)
6	1569357289	Analysis of global gaze regions of learners detected by sunglasses camera in e-Learning	Eiji Watanabe (Konan University, JP) Takashi Ozeki (Fukuyama University, JP) Takeshi Kohama (Kinki University, JP)
7	1569357299	Particle-Based fluid Simulation for Sand Sculpture and Water	Zen-Chung Shih (National Chiao Tung University, TW)
8	1569357355	A Real-time Broadcast-Content-Identifier Watermarking System for Multi-platform Content Distribution Services	Younhee Kim (Electronics and Telecommunications Research Institute, KR) Hyuntae Kim (CK&B, KR) Jooyoung Lee (Electronics and Telecommunications Research Institute, KR) Jeho Nam (ETRI, KR)
9	1569357357	Examination of Cooperative System in Multiple Haptic Devices	Maesawa (Iwate University, JP)



Friday, January 07, 2011  
**Track Poster 1**

13:00-15:00

**Track Theme:** Poster - 1  
Applications & 3DTV

**Session Chair:**  
Jeho Nam (ETRI)

No	Ref Code	Paper Title	Authors
10	1569370685	Rendering Foliage by Geometry Instancing and Stochastic Simplification	Lo-Wei Lee (National Dong Hwa University, TW) Charlie Irawan Tan (National Dong Hwa University, TW) Hung-Wei Hsu (National Dong Hwa University, TW) Wen-Kai Tai (National Dong Hwa University, TW)
11	submission_18	Integrated 3D-CG Animation Production Environment named CT-Studio	Hiroshi Matsuda (Nippon Institute of Technology, Japan ) Yoshiaki Shindo (Nippon Institute of Technology, Japan )

**Track Theme:** Poster - 2  
Video Technology

**Session Chair:**  
Whoi-Yul Kim (Hanyang University)

No	Ref Code	Paper Title	Authors
1	1569353277	Single Prediction using Most Probable Mode in H.264/AVC Intra Coding	Dae-Yeon Kim (Sejong University, KR) Jae-Hee Cho (Sejong University, KR) Yung Lyul Lee (Sejong University, KR)
2	1569357089	A Proposal on No-Reference Type SSIM Estimation	Keigo Muto (Waseda University, JP) Jiro Katto (Waseda University, JP)
3	1569357337	Token-ordering based Implementation of MPEG RVC Framework	Minsoo Park (Hanyang University, KR) Euee S. Jang (Hanyang University, KR)
4	1569357363	Generalization of Non-Reference Quality Estimation for Temporal Picture Quality Degradation	Ryo Okawa (Seikei University, JP) Naoya Sagara (Seikei University, JP) Kenji Sugiyama (Seikei University, JP)
5	1569357447	A Simple EDI-based deinterlacing algorithm	Byounghyun Yoo (Sogang University, KR) Byung Sung Kim (Mtek vision, KR) Kwae Hi Lee (University of Sogang, KR)
6	1569359663	Moving Object Detection Using Modified Entropy and Cross Entropy on the Temporal Domain	Jae-Ho Kwak (Hanyang University, KR) Jongmin Hyun (Hanyang University, KR) Whoi-Yul Kim (Hanyang University, KR)
7	1569369973	Fast Mode Decision Algorithm for Enhancement Layer of Spatial and CGS Scalable Video Coding	
8	1569371011	A Block Based Explicit DC offset for H.264/AVC Video Coding	Daeil Yoon (Sejong University, KR)
9	submission_29	Real-time Stereo Video Codec System using Graphics Processing Unit	In-Yong Shin (Gwangju institute of Science and Technology (GIST), Korea) Jung-Ah Choi (Gwangju institute of Science and Technology (GIST), Korea) Yo-Sung Ho (Gwangju institute of Science and Technology (GIST), Korea)
10	submission_42	A region-based approach for multi people segmentation under occlusion	Slim Amri (Institut Supérieur d'Informatique, Tunisia) Walid Barhoumi (Institut Supérieur d'Informatique, Tunisia) Ezzeddine Zagrouba (Institut Supérieur d'Informatique, Tunisia)

15:20-17:20

**Track Theme:** Poster - 2  
Video Technology

**Session Chair:**  
Whoi-Yul Kim (Hanyang University)

No	Ref Code	Paper Title	Authors
11	submission_44	Motion Sharpening and Its Stabilization Using Optic Flow Fields	Kouki Ohtaka (Yamaguchi University, Japan) Atsushi Osa (Yamaguchi University, Japan) Atsuhiko Sugimura (Tokuyama Collage of Technology, Japan) Hidetoshi Miike (Yamaguchi University, Japan) Yousuke Ikemoto (HOYA Corporation, Japan) Masaaki Fukuda (HOYA Corporation, Japan) Youko Koshiyama (HOYA Corporation, Japan)
12	x-01	The method for signaling intra prediction mode with merging scheme	Kibaek Kim (Hanyang University, Korea) Tae-Young Jung (Hanyang University, Korea) Jechang Jeong (Hanyang University, Korea)

**Track Theme:** Poster - 3  
Image Processing

**Session Chair:**  
Prof. Kwae Hi Lee (Sogang University)

No	Ref Code	Paper Title	Authors
1	1569353255	Relationship Between Error Diffusion Coefficients, Object Size And Position For Dislocational 3D CGH	Kohei Tanaka (Meiji University, JP)
2	1569356691	The certification of a reconstructed image from Computer-Generated Hologram picked up by digital watermark	Yuki Hirama (Meiji University, JP)
3	1569356693	Inverse Halftoning of color image	Yohei Kemuriyama (Meiji University, JP)
4	1569356741	Estimation of the optimal error diffusion coefficients for Kinoform Image Reconstruction using Genetic Algorithm	Yuta Shimizu (Meiji University, JP)
5	1569356799	Error diffusion method using optimization of diffusion coefficient	Hiroki Takekawa (Meiji University, JP)
6	1569356985	Authentication of CGH reconstructed image using Complex Hadamard Transform	Fumiya Inaba (Meiji University, JP)
7	1569356987	Color Halftoning without generation of false color	Hiroki Arai (Meiji University, JP)
8	1569357033	A Visual Human Tracking System Based on Integrated Operation of Omni-directional and PTZ Cameras	Takahiro Mizumoto (Hosei University, JP) Teppei Saito (Hosei University, JP) Shigeru Akamatsu (Hosei University, JP)
9	1569357075	Advanced Removal Method of Green and Purple Fringing using Adaptive Range Filter	Tae Yeon Kim (University of Sogang, KR) Ho Young Lee (Sogang University, KR) Kwae Hi Lee (University of Sogang, KR)
10	1569357271	The Single image super resolution based on self-similarity	Jong Hyeok Kwon (Sogang University, KR) Min Kim (Sogang University, KR) Kwae Hi Lee (University of Sogang, KR)



Saturday, January 08, 2011  
**Track Poster 3**

10:30-12:30

**Track Theme:** Poster - 3  
Image Processing

**Session Chair:**  
Prof. Kwae Hi Lee (Sogang University)

No	Ref Code	Paper Title	Authors
11	1569357449	Motion blur estimation using cepstral analysis	Jun Seong Park (University of Sogang, KR) Min Kim (Sogang University, KR) SoonKeun Chang (Samsung Electronics Co., Ltd, KR) Kwae Hi Lee (University of Sogang, KR)

**Track Theme:** Poster - 4  
Applications & Multimedia Technology

No	Ref Code	Paper Title	Authors
1	submission_14	Constructing Support Environment for Creating Haiku with Mobile Phone	Nobuhiko Takada (Kanazawa-gakuin, Japan) Masami Suzuki (KDDI R&D Laboratories, Inc., Japan) Ryoichi Yanagisawa (Kanazawa-gakuin, Japan)
2	submission_17	Virtual Science Experiment System using Cyber Assistant Professor (CAP)	Hiroshi Matsuda (Nippon Institute of Technology, Japan ) Yoshiaki Shindo (Nippon Institute of Technology, Japan )
3	1569371869	Defect Detection In Fabric Images Using Fractal Dimension Approach	Kamal Sager (University of Mustansiriyah, IQ) Loay George (Baghdad university, IQ)
4	submission_32	Analysis of Vibration Signal for Wind Turbine System based on Wavelet Transform	Jonghyun Park (Mokpo National University, Korea) Soonyoung Park (Mokpo National University, Korea) Ilsoo Kim (Mokpo National University, Korea) Minjea Kim (Mokpo National
5	submission_48	PULSE COUPLED NEURAL NETWORKS APPLICATIONS FOR SYNTHETIC APERTURE RADAR IMAGE SEGMENTATION: A CASE BAND-X VERTICAL-HORIZONTAL POLARIZATION	Harwikarya (University of Mercu Buana, Indonesia) Nursiyanto Widia (Universitas Multimedia Nusantara, Indonesia)
6	submission_51	The Scheme Of One-Stop E-Learning At Maranatha Christian University	Semuil Tjiharjadi (Maranatha Christian University, Indonesia) Marvin Chandra Wijaya (Maranatha Christian University, Indonesia)
7	1569357281	Evaluation of JPEG Blockiness Using Local Image Frequency Information	Shigehiko Tanaka (Chukyo University, JP)
8	1569357307	An Educational 3D CG Game of Network Security	Masakazu Kanai (Graduate School of Science and Engineering, Chuo University, JP) Mitsunori Makino (Chuo University, JP)
9	1569357339	An Interactively Visual Presentation System of Network Incidents' Dataset to Information Security Managers	Yoichi Tomoe (Chuo University, JP) Masato Terada (Hitachi Ltd., JP) Mitsunori Makino (Chuo University, JP)
10	submission_7	Mobile Multimedia for Indonesia Tourism Promotion	Winarno (Universitas Multimedia Nusantara, Indonesia) Ariesto Hadi (Universitas Multimedia Nusantara, Indonesia)

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No	Ref Code	Paper Title	Authors
1	1569357545	Competitive Prediction Using the Wiener Filter	Sangjae Park (Yonsei University, KR) Sung-Jei Kim (Yonsei University, KR) Yong-Goo Kim (Korean German Institute of Technology, KR) Yoonsik Choe (Yonsei University, KR)
2	1569358309	Adaptive Parameter Selection for Bilateral Filter Considering Local Feature	Hyo-Tae Lee (Korea University, KR) Jong-Woo Han (Korea University, KR) Won-Jae Park (Korea University, KR) Younghyun Kim (Korea University, KR) Sung Jea Ko (Korea University, KR)
3	1569358317	A New Object Detection Method using Vector Similarity Measure	Yeo-Min Yun (Korea University, KR) You-Sun Kim (Korea University, KR) Ik-Jae Chun (Electronics and Telecommunications Research Institute, KR) Tae Moon Roh (ETRI, KR) Sung Jea Ko (Korea University, KR)
4	submission_20	WEIGHT AVERAGING MULTI PLANAR RECONSTRUCTION	Mitsuhiro Aizawa (TOKYO DENKI University, Japan) Shin-ichi Murakami (TOKYO DENKI University, Japan)
5	submission_31	Noise Removal and Segmentation based on Tensorization and Voting	Jonghyun Park (Mokpo National University, Korea) Soonyoung Park (Mokpo National University, Korea) Pyungguan Lim (Mokpo National University, Korea) Sangwan Kim (Mokpo National
6	submission_40	Comparison of local blur detection methods based on multiresolution analysis and discrete cosine transform	Irwan Prasetya Gunawan (Universitas Multimedia Nusantara, Indonesia) Antony Halim (Universitas Multimedia Nusantara, Indonesia)
8	submission_46	3D Texture Synthesis Based on Color and Texture Features	Chin-Chen Chang (National United University, Taiwan) Chia-Wen Chang (National Chiao Tung University, Taiwan) Der-Lor Way (Taipei National University of Arts, Taiwan) Zen-Chung Shih
9	1569357225	Texture mapping of a 2D object surface in a camera image onto a virtual object surface in MR space using a 2D cross ratio.	Yuya Tanaka (Kogakuin University, JP) Ikuka Sasaki (Kogakuin University, JP) Humiaki Yasuoka (Kogakuin University, JP) Minoru Ito (Kogakuin University, JP)





Saturday, January 08, 2011  
**Track Poster 5**

15:50-17:20

**Track Theme:** Poster - 5  
Image Processing

**Session Chair:**  
Prof. Sung Jea Ko (Korea University)

No	Ref Code	Paper Title	Authors
10	1569357309	A 3D Visualization of Information on Behavior of Malwares	Yuzuru Nakajima (Graduate School of Science and Engineering, Chuo University, JP) Mitsunori Makino (Chuo University, JP) Junji Nakazato (NICT, JP) Masashi Eto (NICT, JP) Koji Nakao (NICT, JP)
11	1569357319	An Efficiently Ray Tracing with LOD Control by Head Tracking and Human Eyesight	Yosuke Nara (Graduate School of Science and Engineering, Chuo University, JP) Mitsunori Makino (Chuo University, JP)