

Conference Schedule

Conference Site: Grand Gongda Jianguo Hotel (工大建国饭店)

October 15, 2013			
09:00 22:00	Registration and Welcome Reception Venue: Lobby (1F) 一楼大厅		
October 16, 2013			
08:30 12:30	Registration and Welcome Reception Venue: Lobby (1F) 一楼大厅		
October 16, 2013			
08:30 09:00	Opening Venue: Grand Ballroom(3F) 三楼宴会厅		
09:00 10:00	Invited Keynote Speech I – Prof. Wen Gao, Member of Chinese Academy of Engineering, IEEE Fellow. Peking University, China. <i>Title: Challenges to Video Surveillance System</i>		
10:00 10:30	Coffee Break		
10:30 11:30	Invited Keynote Speech II – Prof. Ioannis Pitas, IEEE Fellow. Aristotle University of Thessaloniki, Greece. <i>Title: Human activity recognition for video content analysis and description.</i>		
11:30 12:30	Invited Keynote Speech V – Prof. Wan-Chi Siu, IEEE Fellow. Hong Kong Polytechnic University, Hong Kong. <i>Title: Challenges on Video Surveillance under Quality Expectations and Big Data Environment.</i>		
13:30 15:45	Room A—— Hibiscus Room (3F) 芙蓉厅	Room B—— Rose Room (3F) 玫瑰厅	Room C—— Peony Room (3F) 牡丹厅
	Session IS10	Session IS02	Session IS13
15:45 16:00	Coffee Break		
16:00 19:00	Room A—— Hibiscus Room (3F) 芙蓉厅	Room B—— Rose Room (3F) 玫瑰厅	Room C—— Peony Room (3F) 牡丹厅
	Session IS03,IS05	Session IS07	Session IS08

October 17, 2013			
08:30-12:00 Venue: Grand Ballroom (3F)			
08:30 09:30	Invited Keynote Speech IV – Prof. Patrizio Campisi, Dept. of Applied Electronics at the Università degli Studi "Roma TRE", Italy. <i>Title: PassBrain: can brain waves be used to recognize people.</i>		
09:30 10:30	Invited Keynote Speech III – Prof. Qionghai Dai, Tsinghua University, China. <i>Title: Ultra-fast Lens-less Computational Imaging.</i>		
10:30 11:00	Coffee Break		
11:00 12:00	Invited Keynote Speech VI – Prof. Sin-Horng Chen, National Chiao Tung University, Taiwan. <i>Title: Mandarin Speech Prosody Modeling and its Applications to ASR and TTS.</i>		
13:00 15:25	Room A—— Hibiscus Room (3F) 芙蓉厅	Room B—— Rose Room (3F) 玫瑰厅	Room D—— Orchid& Jasmine Room (3F) 兰花厅和茉莉厅
	Session IS01	Session IS11	Session IS21
15:25 15:40	Coffee Break and Post Session		
15:30 17:50	Room A—— Hibiscus Room (3F) 芙蓉厅	Room B—— Rose Room (3F) 玫瑰厅	Room D—— Orchid& Jasmine Room (3F) 兰花厅和茉莉厅
	Session IS04	Session IS12	Session IS22
18:00 20:00	Banquet : Grand Ballroom (3F)		

October 18, 2013

08:30 10:25	Room A—— Hibiscus Room (3F) 芙蓉厅	Room B—— Rose Room (3F) 玫瑰厅	Room D—— Orchid& Jasmine Room (3F) 兰花厅和茉莉厅
	Session IS16	Session IS17	Session IS20
10:25 10:40	Coffee Break		
10:40 12:30	Room A—— Hibiscus Room (3F) 芙蓉厅	Room B—— Rose Room (3F) 玫瑰厅	Room D—— Orchid& Jasmine Room (3F) 兰花厅和茉莉厅
	Session IS18, IS19	Session IS14	Session IS15

Session List

IIH-MSP-2013-IS01 Cross-Discipline Techniques in Signal Processing and Networking

Session Chairs:

Dr. Feng-Cheng Chang, Tamkang University, Taiwan

Dr. Hsiang-Cheh Huang, National University of Kaohsiung, Taiwan

IIHMSP-2013-IS01-01

Design of High Gain Planar Dipole Array Antenna for WLAN Application

Yuh-Yih Lu, Jhih-Jie Jhu, and Hsiang-Cheh Huang

IIHMSP-2013-IS01-02

Prediction-Based Reversible Data Hiding for Medical Images with Genetic Algorithms

Hsiang-Cheh Huang, Ting-Hsuan Wang, Yueh-Hong Chen, and Jui-Pin Hung

IIHMSP-2013-IS01-03

Experiments on Genetic Programming Based Image Artefact Detection

Feng-Cheng Chang and Hsiang-Cheh Huang

IIHMSP-2013-IS01-05

Simulation of Theme Park Queuing System by Using Arena

Liou Chu, Lin Hui, and Fu-Yi Hung

IIHMSP-2013-IS01-06

Lossless Data Hiding with Quadtree Decomposition

Hsiang-Cheh Huang, Ting-Hsuan Wang, and Yuh-Yi Lu

IIH-MSP-2013-IS02 Watermarking and Copyright Protection

Session Chairs:

Dr. Lin-Lin Tang, Shenzhen Graduate School, Harbin Institute of Technology, China

IIHMSP-2013-IS02-01

Adaptive Multi-thresholding Image Denoising Method

Ling-Zhen Song and Li Zhang

IIHMSP-2013-IS02-02

Dual Watermarking for Image Tamper Detection and Self-Recovery

Qi Han, Lei Han, Erfu Wang, and Jie Yang

IIHMSP-2013-IS02-04

Two-Stage Verification Based on Watermarking for Electronic Passport

Zhifang Wang, Lei Yang, Yue Cheng, and Qun Ding

IIHMSP-2013-IS02-05

Novel Up-Sampling Based Watermarking Multiple Description Coding Frame

L.L. Tang and Jeng-Shyang Pan

IIHMSP-2013-0009

Steganalysis in Presence of Watermarked Images

Pham Hai Dang Le, Daniel Graf, and Matthias O. Franz

IIHMSP-2013-0048

Quality Studies of an Invisible Chaos-Based Watermarking Scheme with Message Extraction

Jacques M. Bahi, Jean-François Couchot, Nicolas Friot, Christophe Guyeux, and Kamel Mazouzi

IIHMSP-2013-0051

A Spread Spectrum Watermarking Algorithm Based on Local Instruction Statistic

Tianwen Feng, Guangli Xiang, Muyao Lu, and Luo Zhong

IIH-MSP-2013-IS03 Ergonomic Information and
Control Systems

Session Chairs:

Dr. Bor-Shyh Lin, National Chiao Tung University, Taiwan

IIHMSP-2013-IS03-01

A Fall Detection System Based on Human Body Silhouette

Bor-Shing Lin, Jhe-Shin Su, Hao Chen, and Ching Yuh Jan

IIHMSP-2013-IS03-02

A Creative 3D Game Platform Interacted with Laser Beam

Sheng-Hsiung Chang, Chien-Yue Chen, Bor-Shyh Lin, and Pei-Jung Wu

IIHMSP-2013-IS03-03

A Wearable Bio-potential Monitor System with Capacitive Coupling Electrode
Yan-Jun Huang, Bor-Shyh Lin, Hsing-Yu Wang, Bin-Yi Lin, and Hsing-Chien Kuo

IIHMSP-2013-IS03-05

A New Model-Based Prosody Coder for Mandarin Speech
Chen-Yu Chiang, Yu-Ping Hung, Sin-Horng Chen, and Yih-Ru Wang

IIHMSP-2013-IS03-06

A Novel Brain-Computer Interface Controller Scheme for Multimedia Control
Jeng-Shyang Pan, Zhengkun Liu, Bor-Shyh Lin, and Lijun Yan

IIH-MSP-2013-IS04 Data Hiding and Network
Security

Session Chairs:

Dr. Ching-Yu Yang, National Penghu University, Taiwan

Dr. Kuang Tsan Lin, St. John's University, Taiwan

IIHMSP-2013-IS04-01

High-Payload Digital Watermarking Using Radius-Weighted Mean Based on IWT
Domain
Ching-Yu Yang

IIHMSP-2013-IS04-03

OEWC-Based Orthogonality Tracking on NIDS
Yih-Fuh Wang and Meng-Yuan Liao

IIHMSP-2013-IS04-06

Design of Partially Buffered Crossbar Switches for Supporting Mixed Traffic
Wen-Fong Wang, Li-Chuan Hung, and Ching-Sung Lu

IIHMSP-2013-IS04-07

Information Hiding in EPUB Files by Rearranging the Contents of CSS Files
Da-Chun Wu and Hsiu-Yang Su

IIHMSP-2013-IS04-08

Image Encryption Using Arnold Transform Technique and Hartley Transform
Domain
Kuang Tsan Lin

IIHMSP-2013-0078

An Efficient Reversible Data Hiding Scheme Based on Reference Pixel and Block Selection

Siren Cai and Xinlu Gui

IIHMSP-2013-0187

Data Hiding Based on Subsampling and Compressive Sensing

Wei Li, Jeng-Shyang Pan, Lijun Yan, Chun-Sheng Yang, and Hsiang-Cheh Huang

IIHMSP-2013-0195

A Novel Ant Colony Optimization Routing Algorithm in Wireless Sensor Network

Wei Yu and Zhiyong Wu

IIH-MSP-2013-IS05 Signal Processing and System
Design for Intelligent LED Street Light

Session Chairs:

**Dr. Ming-Hwa Sheu, National Yunlin University of Science & Technology,
Taiwan**

IIHMSP-2013-IS05-01

Estimation of Chromaticity Coordinates for LEDs Array by Modulation of Red or Yellow LEDs with Artificial Neural Network

Hsi-Chao Chen, Wei-Jhe Chen, and Yang Zhou

IIHMSP-2013-IS05-02

The Chromaticity Shift of White-LED Light Sources Passing through Fog

*Chiu-Chung Yang, Chien-Sheng Huang, Ching-Huang Lin, Chien-Yue Chen,
and Shao-Ciang Gan*

IIHMSP-2013-IS05-03

The Investigation on Physiological Influences and the Working Efficiencies of Several Lighting in Market

Chien-Yue Chen, Ming-Da Ke, Jeng-Han Wu, and Pei-Jung Wu

IIHMSP-2013-IS05-04

Multi-channel LED Driver with PWM Dimming and Temperature Self-Protection

Shih-Chang Hsia, Jyun-Jia Ciou, and Sheng-Yueh Lai

IIHMSP-2013-IS05-05

Fast Image Blending and Deghosting for Panoramic Video

Chen-Hong Yuan, Jeng-Shyang Pan, Ming-Hwa Sheu, and Tzu-Hsiung Chen

IIHMSP-2013-IS05-06

A Computation Efficiency AND-CFAR for FMCW Radar Receiver

Ho-En Liao, Guan-Yu Lin, Ming-Hwa Sheu, Siang-Min Siao, and Sin-Siang Wan

IIHMSP-2013-IS22-05

Building a Self-Organizing Phishing Model Based upon Dynamic EMCUD

Shian-Shyong Tseng, Ching-Heng Ku, Ai-Chin Lu, Yuh-Jye Wang, and Guang-Gang Geng

IIH-MSP-2013-IS07 Video Information Processing
and Multimedia System

Session Chairs:

Dr. Ke-Bin Jia, Beijing University of Technology, China

Dr. Yan-Hua Zhang, Beijing University of Technology, China

Dr. Li-Fang Wu, Beijing University of Technology, China

IIHMSP-2013-IS07-04

Key Technologies and New Developments of Next Generation Video Coding Standard HEVC

Zhou Zuo-Cheng and Jia Ke-Bin

IIHMSP-2013-IS07-05

A Depth Based Mode Decision Algorithm for 3D Video Coding

Huan Dou and Kebin Jia

IIHMSP-2013-IS07-06

Fast Video Encoding Algorithm Based on Motion Estimation for H.264/AVC

Yuan Gao and Pengyu Liu

IIHMSP-2013-IS07-07

Road Surface Condition Classification Based on Color and Texture Information

Zhonghua Sun and Kebin Jia

IIHMSP-2013-IS07-08

Designing and Realization of 3D Video Capture and Transfer System Based on Kinect

Meng Yao and Kebin Jia

IIHMSP-2013-IS07-14

Image Denoising and Fusion Based on Matrix Completion

Zhuozheng Wang and Kebin Jia

IIHMSP-2013-IS07-15

Key Technologies for Building Universal Platform for 2D/3D Medical Image Registration

Li-Ya Zhao and Ke-Bin Jia

IIHMSP-2013-IS07-22

Research of Identity Authentication of the Mobile Terminal Voting System

Hu Meida, Teng Guifa, Wang Chunshan, and Gao Guandong

IIHMSP-2013-IS07-23

An Improved SIFT Algorithm Based on FAST Corner Detection

Wu Lifang, Gao Yuan, and Zhang Jingwen

IIH-MSP-2013-IS08 Forensic Technologies for
Multimedia Content Protection

Session Chairs:

Dr. Yao Zhao, Beijing Jiaotong University, China

Dr. Rongrong Ni, Beijing Jiaotong University, China

IIHMSP-2013-IS08-01

Recaptured Image Detection Based on Texture Features

Xiaobo Zhai, Rongrong Ni, and Yao Zhao

IIHMSP-2013-IS08-02

Research on Image Detection Algorithm with Markov Process

Li Meng-Jiao, Niu Shao-Zhang, and Zou Jian-Cheng

IIHMSP-2013-IS07-03

Designing and Accomplishing a Multiple Water Quality Monitoring System Based on SVM

Zihan Pang and Kebin Jia

IIHMSP-2013-IS07-12

The Improved V.29 Fax Demodulation Algorithm in Multimedia Communication

Wang Bo-Tao, Xiang Jing, and Yan Yue

IIHMSP-2013-IS07-13

A New Frequency Pre-estimation Aided Carrier Recovery Algorithm for Multimodal Signal System

Wang Ranran, Wang Botao, and Lu Yan

IIHMSP-2013-IS07-16

Multiview Video Coding Algorithm Based on HBP Prediction Structure

Yuxin Song and Kebin Jia

IIHMSP-2013-IS07-17

The Identification of Powdery Mildew Spores Image Based on the Integration of Intelligent Spore Image Sequence Capture Device

Wang Danping, Wang Botao, and Yan Yue

IIH-MSP-2013-IS10

Advanced Multimedia Processing and Retrievals

Session Chairs:

Dr. Takashi Toriu, Osaka City University, Japan

IIHMSP-2013-IS10-01

A Method for Affine Invariant Image Smoothing

Yuki Sanjo and Takashi Toriu

IIHMSP-2013-IS10-02

Diagnosis Algorithm of Immunity-Based System with Continuous Variable of Mutual Test Results among Sensors

Koji Wada, Takashi Toriu, and Hiromitsu Hama

IIHMSP-2013-IS10-03

Matching of Laser Range Sensor Data and 3D Surface Scanner Data Robust to Abnormal Values Using Evolutionary ICP Algorithm and Gaussian Function

Shigeyoshi Nakajima

IIHMSP-2013-IS10-04

An Integrated Framework for Disaster Event Analysis in Big Data Environments

Pyke Tin, Thi Thi Zin, Takashi Toriu, and Hiromitsu Hama

IIHMSP-2013-IS10-05

Image Processing Approach to Automatic Scoring System for Archery Targets

Thi Thi Zin, Ikuo Oka, Takuya Sasayama, Shingo Ata, Hitoshi Watanabe, and Hiroshi Sasano

IIHMSP-2013-0041

A New Moment Based Image Quality Metric

Leida Li, Hancheng Zhu, Deqiang Cheng, and Jeng-Shyang Pan

IIHMSP-2013-0045

Detection of Region Duplication Forgery in Images under Affine Transforms

Leida Li, Wei Zhang, Shushang Li, and Jeng-Shyang Pan

IIH-MSP-2013-IS11 Recent Advances in
Information Hiding and Enrichment Technologies
for Audio and Speech Signals

Session Chairs:

Dr. Masashi Unoki, Japan Advanced Institute of Science and Technology, Japan

Dr. Kazuhiro Kondo, Yamagata University, Japan

Professor Changchun Bao, Beijing University of Technology, China

IIHMSP-2013-IS11-01

Robust Audio Data Hiding Method Based on Phase of Modulated Complex Lapped Transform

Kiho Cho, Soo Hyun Bae, In Kyu Choi, Nam Soo Kim, and Masashi Unoki

IIHMSP-2013-IS11-02

A Packet Loss Recovery of G.729 Speech Using Discriminative Model and N-Gram

Takeshi Nagano and Akinori Ito

IIHMSP-2013-IS11-03

Multi-modal Voice Activity Detection by Embedding Image Features into Speech Signal

Yohei Abe and Akinori Ito

IIHMSP-2013-IS11-04

Towards Gender-Dependent Babble Maskers for Speech Privacy Protection

Kazuhiro Kondo, Tomohiro Komiyama, and Shintaro Kashiwada

IIHMSP-2013-IS11-05

Towards Estimation of Quality of Watermarked Audio Signal Using Objective Measures

Kazuhiro Kondo

IIHMSP-2013-IS11-06

Watermarking Method for Speech Signals Based on Modifications to LSFs
Shengbei Wang and Masashi Unoki

IIHMSP-2013-IS11-07

Digital Watermarking Method Based on STFT Histogram
Kotaro Sonoda and Aleksander Sek

IIHMSP-2013-IS07-11

Pitch Detection Method for Noisy Speech Signals Based on Wavelet Transform and Autocorrelation Function
Li Ru-Wei, Cao Long-Tao, and Li Yang

IIHMSP-2013-0174

Speech Intelligibility Improvement Using the Constraints on Speech Distortion and Noise Over-estimation
Na Li, Chang-Chun Bao, Bing-Yin Xia, and Feng Bao

IIH-MSP-2013-IS12 Recent advances in 3D audio technologies for future network

Session Chairs:

Dr. Suzuki Yôiti, Tohoku University, Japan

Dr. Junfeng Li, Chinese Academy of Science, China

IIHMSP-2013-IS12-01

Multi-channel Audio Compression Method Based on ITU-T G.719 Codec
Wenjin Jiang, Jing Wang, Yi Zhao, Baoguang Liu, and Xuan Ji

IIHMSP-2013-IS12-02

Gain Factors Calibration in 3D Sound Reproduction Using VBAP
Hu Ruimin, Zhang Maosheng, Yang Yuhong, Wang Xiaochen, Shi Dong, and Jiang Lin

IIHMSP-2013-IS12-03

Extrapolation of Horizontal Ambisonics Data from Mainstream Stereo Sources
Jorge Trevino, Takuma Okamoto, Yukio Iwaya, Junfeng Li, and Yôiti Suzuki

IIHMSP-2013-IS12-04

Application of Three-Dimensional Audio to Copyrighted Multimedia Contents
Ryouichi Nishimura, Seigo Enomoto, Parham Mokhtari, and Hironori Takemoto

IIHMSP-2013-IS12-05

Subjective Evaluation of High-Definition Virtual Sound Field Using a 157-Channel Surrounding Loudspeaker Array

Yukio Iwaya and Takao Tsuchiya

IIHMSP-2013-IS12-06

Hybrid Reverberator Using Multiple Impulse Response for Audio Rendering Improvement

Andrea Primavera, Stefania Cecchi, Francesco Piazza, Junfeng Li, and Yonghong Yan

IIHMSP-2013-IS12-07

Head-Related Transfer Function Modeling Based on Finite-Impulse Response

Jian Zhang, Risheng Xia, Chundong Xu, Junfeng Li, Yonghong Yan, and Shuichi Sakamoto

IIHMSP-2013-IS12-08

Personal Auditory Tele-existence System Using a TeleHead

Tatsuya Hirahara, Daisuke Morikawa, and Yukio Iwaya

IIHMSP-2013-IS12-09

Admissible Range for Individualization of Head-Related Transfer Function in Median Plane

Masato Akagi and Hideki Hisatsune

IIHMSP-2013-IS12-10

Auditory Space Perception during Active and Passive Self-Motion

Shuichi Sakamoto, Wataru Teramoto, Yôiti Suzuki, and Jiro Gyoba

IIH-MSP-2013-IS13 Advances in Biometrics

Session Chairs:

Dr. Xuebing Zhou, Center for Advanced Security Research Darmstadt, Germany

Dr. Bian Yang, Gjøvik University College, Norway

IIHMSP-2013-IS13-01

Multimodal Biometric Authentication Using Fingerprint and Iris Recognition in Identity Management

Kamer Vishi and Sule Yildirim Yayilgan

IIHMSP-2013-IS13-02

Lightweight Quality Metrics for Smartphone Camera Based Fingerprint Samples

Guoqiang Li, Bian Yang, and Christoph Busch

IIHMSP-2013-IS13-03

Multi-face Recognition at a Distance Using Light-Field Camera

R. Raghavendra, Kiran B. Raja, Bian Yang, and Christoph Busch

IIHMSP-2013-0015

A Cryptographic Approach for Steganography

Jacques M. Bahi, Christophe Guyeux, and Pierre-Cyrille Heam

IIHMSP-2013-0035

A Pervasive Stress Monitoring System Based on Biological Signals

Guoqing Zhao, Bin Hu, Xiaowei Li, Chengsheng Mao, and Rui Huang

IIHMSP-2013-0024

Multi-view Human Action Recognition: A Survey

Alexandros Iosifidis, Anastasios Tefas, and Ioannis Pitas

IIHMSP-2013-0030

Representative Class Vector Clustering-Based Discriminant Analysis

Alexandros Iosifidis, Anastasios Tefas, and Ioannis Pitas

IIHMSP-2013-0038

Dynamic Texture Classification Based on Motion Statistical Feature Matrix

Yulong Qiao, Ying Zhao, and Xianrui Song

IIH-MSP-2013-IS14 Bio-signals Processing and
Modeling

Session Chairs:

Dr. Bin Hu, Lanzhou University, China

Dr. Xiaowei Li, Lanzhou University, China

Dr. Philip Moore Birmingham City University, UK

IIHMSP-2013-0073

Improved Speech Enhancement Based on Higher Order Cumulants

Wang Hong and Fanwei Wei

IIHMSP-2013-0102

Video Watermark Based on Gradient Texture Diagram

Xie Weihua, Wang Yongbing, and Sui Aina

IIHMSP-2013-0125

An Improved Wireless Video Multicast Based on Compressed Sensing

Hua Chen, Anhong Wang, and Xiaoli Ma

IIHMSP-2013-0133

LSB-Based Steganography Using Hamiltonian Paths

Mehran Iranpour

IIHMSP-2013-0145

Tracking Based on Better Feature Selecting

Qu Jingsong and Mao Zheng

IIH-MSP-2013-IS15

Multimedia Signal Recognition and Retrieval

Session Chairs:

Dr. Lijun Yan, Harbin Institute of Technology, China

IIHMSP-2013-IS15-01

Feature Extraction Based on Nearest Feature Line and Compressive Sensing

Lijun Yan, Jeng-Shyang Pan, and Xiaorui Zhu

IIHMSP-2013-IS15-02

Subsampling Based Neighborhood Preserving Embedding for Image Classification

Li-Yan Zhao, Dong Zou, and Guanghong Gao

IIHMSP-2013-IS15-03

Slant Discriminant Analysis for Image Feature Extraction

Li-Yan Zhao, Dong Zou, and Guanghong Gao

IIHMSP-2013-IS07-01

Research on Image Matching Algorithm Based on Local Invariant Features

Jiaqi Liu, Qiang Wu, and Xuwen Li

IIHMSP-2013-IS07-02

Design and Implementation of Electronic Image Stabilization System Based on Dual-Core DSP

Haolong Zhang, Qiang Wu, Tianqi Liu, and Xuwen Li

IIHMSP-2013-IS07-09

Design of 1553B Bus Testing and Simulating System

Jie Yin, Qiang Wu, Xuetao Mao, Tao Song, and Xuwen Li

IIHMSP-2013-IS07-28

A Fuzzy Enhancement Method for Transmission Line Image Based on Genetic Algorithm

Xiaolin Zhou, Guangmin Sun, Dequn Zhao, Zhimeng Wang, Li Gao, Xiaomeng Wang, and Yufeng Jin

IIHMSP-2013-IS07-29

The Research of the Raptor Fountain Code in Shortwave Communication System

Qi Li, Xiaolin Zhou, Guangmin Sun, Haitao Yan, Wei Liu, and Shengyu Liao

IIH-MSP-2013-IS16 Visual Cryptography and
Secret Image Sharing

Session Chairs:

Dr. Ching-Nung Yang, National Dong Hwa University, Taiwan

Dr. Feng Liu, Chinese Academy of Sciences, China

IIHMSP-2013-IS16-02

Visual Cryptography Schemes for Graph Based Access Structures

Stelvio Cimato

IIHMSP-2013-IS16-05

An Anti-cheating Block Secret Sharing Scheme Based on Cyclic Codes

Xing-Fu Xu, Dao-Shun Wang, Shun-Dong Li, and Ching-Nung Yang

IIHMSP-2013-IS16-06

DWT-Domain Dual Watermarking Algorithm of Color Image Based on Visual Cryptography

Yanyan Han, Yixiao Shang, and Wencai He

IIHMSP-2013-IS16-08

Probabilistic Visual Secret Sharing Scheme Based on Random Grids

Peng Li, Qian Kong, and Yanpeng Ma

IIHMSP-2013-IS16-09

A Comment on “Sharing Secret Images Using Blakley's Concept”

Ching-Nung Yang, Chih-Cheng Wu, and Chih-Wei Chou

IIHMSP-2013-IS16-11

Steganography of Data Embedding in Multimedia Images Using Interpolation and Histogram Shifting

Wei-Jen Wang, Yu-Hong Zhang, Cheng-Ta Huang, and Shiuh-Jeng Wang

IIHMSP-2013-IS16-12

On the Randomness of Visual Cryptography Scheme

Teng Guo, Feng Liu, Chuankun Wu, Yawei Ren, and Wen Wang

IIH-MSP-2013-IS17

Intelligent Information Processing and Pattern Recognition

Session Chairs:

Dr. Tianhua Chen, Beijing Industry and Commerce University, China

Dr. Xiaoqin Lian, Beijing Industry and Commerce University, China

IIHMSP-2013-IS17-01

License Plate Recognition Based on Edge Detection Algorithm

Jin Chong, Chen Tianhua, and Ji Linhao

IIHMSP-2013-IS17-02

Design and Implementation of Waterworks Operation Data Real-Time Detection and Processing System

Cao Lei, Lian Xiaoqin, Duan Zhengang, Zhang Xiaoli, and Wang Haizhen

IIHMSP-2013-IS17-03

Image Retrieval Based on Color and Texture Features

Xiuxin Chen, Ya Zheng, Chongchong Yu, and Cheng Gao

IIHMSP-2013-IS17-04

Gait Recognition Bases on the Compressed Sensing

Li Mingxing, Su Weijun, Yu Chongchong, and Chen Xiuxin

IIHMSP-2013-IS17-05

Image Fusion Technology Based on Bio-inspired Features

Xing Suxia, Li Yumei, Chen Tianhua, and Li Yang

IIHMSP-2013-IS17-07

Multi-threshold Image Segmentation Based on Firefly Algorithm

Chaojie Yu, Binling Jin, Yonggang Lu, Xiwei Chen, Zhengming Yi, Kai Zhang, and Shaoliang Wang

IIHMSP-2013-0149

A Moving Targets Tracking Algorithm Based on Multi-mode Fusion

Li Hongyan and Mao Zheng

IIH-MSP-2013-IS18 Industrial Control System
Security, Simulation And Emulation

Session Chairs:

Dr. Yong Peng, China Information Technology Security Evaluation Center

Dr. Hai-Hui Gao, China Information Technology Security Evaluation Center

IIHMSP-2013-IS18-01

The Design of ICS Testbed Based on Emulation, Physical, and Simulation (EPS-ICS Testbed)

Haihui Gao, Yong Peng, Kebin Jia, Zhonghua Dai, and Ting Wang

IIHMSP-2013-IS18-02

Design and Implementation of Fuzzing Technology for OPC Protocol

Ting Wang, Qi Xiong, Haihui Gao, Yong Peng, Zhonghua Dai, and Shengwei Yi

IIHMSP-2013-IS18-03

Security Analysis on Cyber-physical System Using Attack Tree

Feng Xie, Tianbo Lu, Xiaobo Guo, Jingli Liu, Yong Peng, and Yang Gao

IIHMSP-2013-IS18-04

Security Testing Methods and Techniques of Industrial Control Devices

Wei Zhao, Feng Xie, Yong Peng, Yang Gao, Xuefeng Han, Haihui Gao, and Dejin Wang

IIHMSP-2013-IS18-06

Cyber-physical System Risk Assessment

Yong Peng, Tianbo Lu, Jingli Liu, Yang Gao, Xiaobo Guo, and Feng Xie

IIH-MSP-2013-IS19 IoT Information Security and Information Processing

Session Chairs:

Dr. Zhu Jie, Beijing Wuzi University, Beijing

Dr. Shen Guicheng, Beijing Wuzi University, Beijing

IIHMSP-2013-IS19-01

Nodes Location Method Based on Correlation Analysis in WSN

Hengliang Tang, Yanfeng Sun, Jie Zhu, and Mingru Zhao

IIHMSP-2013-IS19-02

Application of Elliptic Curve Cryptography in Node Authentication of Internet of Things

Shen Guicheng and Yu Zhen

IIHMSP-2013-0186

A New Perspective on Hole Generation and Filling in DIBR Based View Synthesis

Ce Zhu and Shuai Li

IIHMSP-2013-0194

The Study of Information Planning Method for Large Enterprise Group Based on Strategic Business Analysis

Weixiong Chen, Zhiqiang Ye, and Jiaan Yi

IIH-MSP-2013-IS20 Recent Advances in Music Signal and Information Processing

Session Chairs:

Dr. Akinori Ito, Tohoku University, Japan

IIHMSP-2013-IS20-01

Study on Method for Estimating F0 of Steady Complex Tone in Noisy Reverberant Environments

Kenichiro Miwa and Masashi Unoki

IIHMSP-2013-IS20-02

Acoustic Features and Auditory Impressions of Death Growl and Screaming Voice
Keizo Kato and Akinori Ito

IIHMSP-2013-IS20-03

Evaluation of Sinusoidal Modeling for Polyphonic Music Signal
Yuki Igarashi, Masashi Ito, and Akinori Ito

IIHMSP-2013-IS20-04

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Masashi Ito

IIHMSP-2013-IS20-05

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Ziwon Hyung and Kyogu Lee

IIHMSP-2013-IS07-10

Clock Difference Prediction of Atomic Clock Based on Support Vector Machine
Wu Wenjuan and Zhu Jiangmiao

IIHMSP-2013-IS07-18

A Face Superresolution Algorithm in Video Sequence of Monitoring System Based on Patch Reconstruction
Gao Guandong, Liu Fei, Duan Qing, and Wang Jing

IIH-MSP-2013-IS21 Multimedia Signal Processing
and Security

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Chien-Chung Wu and Jyun-Jie Huang

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Jing-Ya Yan, Tzung-Her Chen, and Chih-Hung Lin

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Lei Cai, Bin Li, Chunlei Meng, and Jisheng Zhang

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Xiao Ke, Gao Guandong, and Li Jian

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Real-Time Vascular Beating Analog Based on the Mass-Spring Model
Xin Zhi, Ziming Zhang, Yuhui Gao, and Zhixiang Zhang

IIHMSP-2013-IS07-24

Acupoint Teaching System Based on Android

Zhixiang Zhang, Ziming Zhang, Yuhui Gao, Xin Zhi, and Jianfei Zhao

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A Novel Multidimensional Q-Selection with Random Tree for an Anti-collision Algorithm in RFID Systems

Xiaofang Jin, Yun Zhu, Libiao Jin, Mengxuan Liu, and Yu Bai

IIHMSP-2013-IS07-26

Design of Intelligent Abreaction and Relax System

Yuhui Gao, Ziming Zhang, Zhixiang Zhang, and Xin Zhi