

ICSIPA 2011 - HOTEL MAYA KUALA LUMPUR

Day 1

8.00-9.00	Registration		
9.00-9.15	Welcoming Remarks		
9.20-10.20	Plenary I Prof. Ayoub Alhamadi		
10.20-10.40	Morning Tea (Room 1)		
	Room 2	Room 3	Room 4
10.45-11.05	Signal Processing 1	Scene and Event Recognition 1	3D Stereoscopic
11.05-11.25			
11.25-11.45			
11.45-12.05			
12.05-12.25			
12.25-12.45			
12.45-2.00	Lunch		
	Room 2	Room 3	Room 4
2.00-2.20	Classification	Pattern Recognition 1	Filtering 1
2.20-2.40			
2.40-3.00			
3.00-3.20			
3.20-3.40	Afternoon Tea (Room 1)		
	Room 2	Room 3	Room 4
3.40-4.00	Scene and Event Recognition 2	Pattern Recognition 2	Filtering 2
4.00-4.20			
4.20-4.40			
4.40-5.00			

Day 2

9.00-9.10	Intro + Information on Banquet		
9.10-10.10	Plenary II Prof. Richard Blum		
10.10-10.30	Morning Tea (Room 1)		
	Room 2	Room 3	Room 4
10.30-10.50	Segmentation 1	Object Tracking	Signal Processing 2
10.50-11.10			
11.10-11.30			
11.30-11.50			
11.50-12.10			
12.10-12.30			
12.50-2.00	Lunch		
	Room 2	Room 3	Room 4
2.00-2.20	Scene and Event Recognition 3	Video Analysis	Enhancement
2.20-2.40			
2.40-3.00			
3.00-3.20			
3.20-3.40	Afternoon Tea (Room 1)		
	Room 2	Room 3	Room 4
3.40-4.00	Segmentation 2	General Image Processing 1	Signal Processing 3
4.00-4.20			
4.20-4.40			
4.40-5.00			
7.30-10.30	Banquet at Saloma Bistro		

Day 3

9.00-10.00	Technical Talk (National Instrument)		
10.00-10.30	Morning Tea (Room 1)		
	Room 2	Room 3	Room 4
10.30-10.50	Storage	Coding and Compression	Feature Extraction
10.50-11.10			
11.10-11.30			
11.30-11.50			
11.50-12.10			
12.10-12.30			
12.15-2.00	Lunch		
	Room 2	Room 3	Room 4
2.20-2.40		Communication	General Image Processing 2
2.40-3.00			
3.00-3.20			
3.20-3.40			
3.40-4.00			
4.00-4.30	Afternoon Tea (Room 1)		

Day 1 - Wednesday 16th November 2011

Time	ROOM 2 Signal Processing 1	
	Paper ID	Paper Title
10.45-11.05	1569463861	Magnetic Imaging of Ferromagnetic Shape with Mobile Hall Sensor Array System
11.05-11.25	1569464409	Forward and Backward Automatic Censoring Binary Integration Detectors Using Weber-Haykin Thresholding
11.25-11.45	1569467767	Appropriate Twinkling Frequency and Inter-sources Distance Selection in SSVEP-based HCI Systems
11.45-12.05	1569473827	Pulse Active Ratio (PAR): A New Feature Extraction Technique for ECG Biometric Authentication
12.05-12.25	1569474197	Simulation of the Twinkling Artifact in Color Flow Doppler Sonography: A Phase Noise Hypothesis Validation
12.25-12.45	1569474693	Power Quality Analysis Using Frequency Domain Smooth-Windowed Wigner-Ville Distribution

ROOM 3 Scene and Event Recognition 1	
Paper ID	Paper Title
1569464367	Morphological Drowsy Detection
1569467135	A Color Based Approach for Eye Blink Detection in Image Sequences
1569467819	On Output-Processing in Face Detectors
1569455149	Multi-Color ULBP with Wavelet Transform in Invariant Pose Face Recognition
1569467605	Automatic Inspection System for Billet
1569467241	Face Pose Estimation Using Distance Transform and Normalized Cross-Correlation

ROOM 4 3D Stereoscopic	
Paper ID	Paper Title
1569465879	Biologically Inspired 3D Trajectory Prediction System Using a Moth Flight-to-Light Tracking Model
1569406311	3D Volume Representation of Brain Tumor Using Image Processing
1569467597	Depth Estimation Using Monocular Vision System for Mobile Robots
1569467857	High Dynamic Range Stereo Video Using SIFT and Simultaneous Multi-Exposure
1569474553	Markerless Real-Time Garment Retexturing From Monocular 3D Reconstruction
1569474581	Further Reduced Resolution Depth Coding for Stereoscopic 3D Video

Time	ROOM 2 Classification	
	Paper ID	Paper Title
2.00-2.20	1569467417	Performance of the Fuzzy VI-CFAR Detector in Non-homogeneous Environments
2.20-2.40	1569474955	Orthogonal Least Square and Optimized Support Vector Machine with Polynomial Kernel for Classifying Asphyxiated Infant Cry
2.40-3.00	1569473619	Classification Gel Electrophoretic Image of DNA Fusarium Graminearum Featuring Support Vector Machine
3.00-3.20	1569474739	Shape Distributions on Voxel Surfaces for 3D Object Classification From Depth Images

ROOM 3 Pattern Recognition 1	
Paper ID	Paper Title
1569477879	Pattern Recognition for Insect Behavior by Wrapper Approach to Subset Selection of Wavelet-Multifractal Attributes
1569452073	a Texture Based Analysis and Classification Method for Mammogram Images Using Fos
1569465725	A New Preselection Method for Face Recognition in JPEG Domain Based on Face Segmentation
1569465975	CORI: A Configurable Object Recognition Infrastructure

ROOM 4 Filtering 1	
Paper ID	Paper Title
1569472517	Cubature Kalman Filter with Risk Sensitive Cost Function
1569474549	Mismatched Filters for Doppler-Sensitive Active Sonar Pulses
1569475481	A New Method for Detection of Copy-Move Forgery in Digital Images
1569474735	Adaptive Filtering for Noisy and Mismatched Conditions in Speaker Recognition

Time	ROOM 2 Scene and Event Recognition 2	
	Paper ID	Paper Title
3.40-4.00	1569468943	Hand Gesture Based User Interface for Computer Using a Camera and Projector
4.00-4.20	1569473985	Selecting and Evaluating Data for Training a Pedestrian Detector for Crowded Conditions
4.20-4.40	1569474373	A New Head Pose Estimating Algorithm Based on a Novel Feature Space for Driver Assistant Systems
4.40-5.00	1569474621	Child Face Detection Using Age Specific Luminance Invariant Geometric Descriptor

ROOM 3 Pattern Recognition 2	
Paper ID	Paper Title
1569466639	Discriminant Tchebichef Based Moment Features for Face Recognition
1569467459	A Framework for Training and Testing of Complex Pattern Recognition Systems
1569467715	3D Hand Posture Recognition Using MultiCam
1569467763	An Efficient Method for Finger-Knuckle-Print Recognition Based on Information Fusion

ROOM 4 Filtering 2	
Paper ID	Paper Title
1569459605	Impulse Noise Removal Using Robust Statistical Estimators and Fuzzy Logic
1569467115	A Study of Different Unwarping Methods for Omnidirectional Imaging
1569467909	A Novel Position and Shape Adaptive Initialization of Region-Based Active Contours in Noisy Images
1569474747	Fusion of Gabor Filter and Morphological Operators for the Detection of Settlement Zones in Google Earth Satellite Images

Day 2 - Thursday 17th November 2011

Time	ROOM 2 Segmentation 1		ROOM 3 Object Tracking		ROOM 4 Signal Processing 2	
	Paper ID	Paper Title	Paper ID	Paper Title	Paper ID	Paper Title
10.45-11.05	1569474433	Coping with Hand-Hand Overlapping in Bimanual Movements	1569467681	Vehicle Detection and Tracking with Affine Motion Segmentation in Stereo Video	1569466737	Evaluation and Comparison of Integer-Order Approximations for Fractional Integrators for Application to FRACTIONAL-ORDER CHUA SYSTEMS
11.05-11.25	1569426279	A Method in Applying OCR in Processing of Thermal Images	1569467765	Feature Points Tracking Adaptive to Saturation	1569474419	Improvement of Carrier Capacity for Scalable Scrambling Method with Reversible Information Insertion Functionality
11.25-11.45	1569467573	Segmentation of Brain Lesions in Diffusion-weighted MRI Using Thresholding Technique	1569472365	Real-Time Robot-Human Interaction by Tracking Hand Movement & Orientation Based on Morphology	1569458959	Constellation Analysis of PSK Signals Using Cross Time-Frequency Distribution
11.45-12.05	1569467675	Detection of Moving Objects Using Fuzzy Correlogram Based Background Subtraction	1569474475	Object Tracking in a Multi Camera Environment	1569471565	A Novel Simple Algorithm to Enhance the Peak to Average Ratio of MC-CDMA System
12.05-12.25	1569467757	A Fuzzy Measure for Objective Evaluation of Interactive Image Segmentation Algorithms	1569474795	Automatic Color Space Switching for Robust Tracking	1569472595	Performance Comparison of SNR Estimators in Gaussian Mixture Noise
12.25-12.45	1569473933	Adaptive Spatio-Color Clustering Based on the Connectedness in a Chrominance-Luminance Space	1569465963	Markerless Tracking for Mobile Augmented Reality	1569477473	Noise Reduction Algorithm for Full-waveform Lidar Signal

Time	ROOM 2 Scene and Event Recognition 3		ROOM 3 Video Analysis		ROOM 4 Enhancement	
	Paper ID	Paper Title	Paper ID	Paper Title	Paper ID	Paper Title
2.00-2.20	1569475389	Driver Drowsiness Detection Using Face Expression Recognition	1569467689	Impact of Different Walking Surfaces on Gait Identification Based on Higher-Order Statistics of Accelerometer Data	1569473367	A New Filter Bank Algorithm for Enhancement of Early Signs of Ischemic Stroke in Brain CT Images
2.20-2.40	1569475427	Max-Pooling Convolutional Neural Networks for Vision-based Hand Gesture Recognition	1569467569	Off-Time Swimming Pool Surveillance Using Thermal Imaging System	1569474447	Low Contrast Hand Vein Image Enhancement
2.40-3.00	1569467119	A Semi Supervised Learning-Based Method for Adaptive Shadow Detection	1569474095	Video-based Face Recognition Using Exemplar-Driven Bayesian Network Classifier	1569474523	Singular Value Decomposition Based Fusion for Super-Resolution Image Reconstruction
3.00-3.20	1569468227	Type2 Fuzzy Set Based Automatic Shadow Region Segmentation in Intra Vascular Ultrasound Images	1569475393	Hand Pose Identification From Monocular Image for Sign Language Recognition		

Time	ROOM 2 Segmentation 2		ROOM 3 General Image Processing 1		ROOM 4 Signal Processing 3	
	Paper ID	Paper Title	Paper ID	Paper Title	Paper ID	Paper Title
3.40-4.00	1569473971	Segmentation and Characterization of Masses in Breast Ultrasound Images Using Active Contour	1569462623	FPGA-based Image Combiner for Parallel Rendering	1569474707	Real-Time Implementation of UWB-OFDM Synthetic Aperture Radar Imaging
4.00-4.20	1569474165	A Supervised Method for Retinal Blood Vessel Segmentation Using Line Strength, Multiscale Gabor and Morphological Features	1569469197	A New Technique to Reproduce High Dynamic Range Images for Low Dynamic Range Display	1569474733	A New Method for Extraction of Fetal Electrocardiogram Signal Based on Adaptive Nero-Fuzzy Inference System
4.20-4.40	1569474531	A Novel Fuzzy Metric for Objective Evaluation of Interactive Image Segmentation Algorithms Based on Correlation	1569473473	Greyscale Image Magnification Using Edge-Directed Lagrange Time Delay Interpolation Model	1569475193	Warped Linear Predictive Speech Coding
4.40-5.00	1569467277	A Contrario Edge Detection with Edgelets	1569474235	On Aligning Shapes		

Day 3 - Friday 18th November 2011

Time	ROOM 2 Storage	
	Paper ID	Paper Title
10.30-10.50	1569465311	An Enhanced Shape Descriptor Based on Radial Distances
10.50-11.10	1569465817	A Novel Approach for Retrieval of Medical Images in Bit Plane Domain
11.10-11.30	1569467587	Multi Balanced Trees for Face Retrieval From Image Database
11.30-11.50	1569474533	Automated System for Annotating and Retrieving Images
11.50-12.10	1569467911	Retrieval of 2D Objects and Shape Matching Using the B-spline Representation

ROOM 3 Coding and Compression	
Paper ID	Paper Title
1569464967	Visibly Accurate Model-Based Binary Image Compression Scheme
1569466385	Multiple Descriptions Coding for H.264/AVC Using Coinciding A2 Lattice Vector Quantizer
1569467639	Frame-adaptive Deblocking Filter for H.264/AVC
1569474719	Reversible Data Embedding in Golomb-Rice Code
1569474809	Efficient Motion Estimation Scheme for Downsizing H.264 Homogeneous Transcoding

ROOM 4 Feature Extraction	
Paper ID	Paper Title
1569467563	The Effects of Anisotropic Gaussian Diffusion in Scale Invariant Feature Detection
1569467583	Finger-vein Identification Using Pattern Map and Principal Component Analysis
1569470039	Spiral Unique Sequence: A New Rotation Invariant Feature for Small-size Image Block Matching
1569473679	Extended 3D HLAC Pattern Features for Solid Textures
1569474615	Determining Effective Colour Components for Skin Detection Using a Clustered Neural Network

Time	ROOM 2	
	Paper ID	Paper Title
2.20-2.40		
2.40-3.00		
3.00-3.20		
3.20-3.40		
3.40-4.00		

ROOM 3 Communication	
Paper ID	Paper Title
1569474723	Secure Communication Using Duffing Oscillators
1569474779	Multi-Receiver Modulation Classification for Satellite Communication Signals
1569479425	A Design for Software Defined M-PSK Radio on FPGA for Low SNRs and Symbol Rates Upto 10MS/s

ROOM 4 General Image Processing 2	
Paper ID	Paper Title
1569474761	GROm - Generalized Robust Multichannel Feature Detector
1569474699	Skull and Fontanel Segmentation From Neonatal CT Data by Model Based Variational Level Set Using Localized Coefficient
1569466455	Watermarking Security Analysis Based on Information Theory