

ICIIP – 2013 TECHNICAL PROGRAMME SCHEDULE

(9 – 11 December, 2013)

MONDAY, 9 DECEMBER 2013	
Session	: TRACK-1 Image Processing
Title	: Bio-Medical Imaging
Time	: 11:30 AM – 1:30 PM
Session Chair	:
Hall	: CR 5

- 1569817727** **Automated Heart Diseases Detection Using PCG Signals**
Amandeep Cheema, Mandeep Singh
- 1569799261** **Enhanced Local Binary Pattern for Chest X-ray Classification**
Weichieh Wong; Ahmad Adel Abu-Shareha; Muhammad Fermi Pasha;
Mandava Rajeswari
- 1569794961** **Meta-analysis of Functional Neuroimaging Data**
Manisha Chawla, Krishna P. Miyapuram
- 1569790063** **Evolutionary Approach and Spline Interpolation for Contrast Enhancement**
Abishek Gupta, Ajesh Nag, Jaten Savani, S. Natarajan
- 1569793109** **An Imaging Study to Assess Displacement Between Brachytherapy Applicator and Chestwall During Simultaneous Thermobrachytherapy of Cancer**
Divya Priya Chukkala M, Kavitha Arunachalam, Oana I. Craciunescu, Paolo Maccarini, Paul R. Stauffer, Jaime L Schlorff
- 1569790743** **Optimization of SVM Classifier Using Firefly Algorithm**
Adwitya Sharma, Amat Zaidi, Radhika Singh, Shailesh Jain, Anita Sahoo
- 1569815523** **Detection of Presence of Parasites in Human RBC in Case of Diagnosing Malaria Using Image Processing**
Pranati Rakshit, Kriti Bhowmik
- 1569816203** **Design and ASIC Implementation of Image Segmentation Algorithm for Autonomous MAV Navigation**
Shankardas Deepti Bharat, Abdul Imran Rasheed, Viswanath K. Reddy

MONDAY, 9 DECEMBER 2013

Session : TRACK-2 Computer Vision
Title : Computational and Statistical Methods
Time : 11:30 AM – 1:30 PM
Session Chair :
Hall : CR 6

- 1569819545** **Multistereo System Design**
Apoorva Bhatia, Pallabi Ghosh, K.S. Venkatesh
- 1569795817** **A Probabilistic Method of Skin Detection**
Souradeep Mitra
- 1569791547** **Enhancing Accuracy of Multi Criteria Recommendation Systems Using Genetic Algorithm**
Rubina Parveen, Anant K. Jaiswal, Vibhor Kant
- 1569802953** **A Study of Stochastic Algorithms for 3D Articulated Human Body Tracking**
Sanjay Saini, Dayang Rohaya Bt Awang Rambli, Suziah Bt Sulaiman, M Nordin B Zakaria
- 1569786075** **Reliability Assessment and Prediction of Open Source Software Systems**
Jitendra Singh, L S Maurya
- 1569791515** **Use of Computer Vision to Detect Tangles in Tangled Objects**
Paritosh Parmar
- 1569816639** **A Robust Video Stabilization Using Optimized Dynamic Time Warping**
Deepika Shukla, Rajib Kumar Jha
- 1569787463** **Development of Machine Vision Solution for Grading of Tasar Silk Yarn**
Abhra Pal, Tamal Dey, Amitava Akuli, Nabarun Bhattacharyya

MONDAY, 9 DECEMBER 2013

Session : TRACK-3 Image Security & Forensics
Title : Image Forensics
Time : 11:45AM – 1:45 PM
Session Chair :
Hall : CR 7

- 1569790175** **Multispectral Palmprint Identification by Hybrid Haar Wavelet Employing Multiple Score Level Fusion Modus Operandi**
H. B. Kekre, Pranay Naresh Arya, Aashita M. Irani
- 1569805207** **Ocular Detection for Biometric Recognition**
Rohit Dattatray Ekatpure, Sandipan Pralhad Narote
- 1569794941** **Hand Shape Based Biometric Authentication System Using Radon Transform and Collaborative Representation Based Classification**
Ahana Gangopadhyay, Oindrila Chatterjee, Amitava Chatterjee
- 1569791013** **Face Recognition Using Gradient Based Local Feature Matching**
Jyoti Nigam, Tejas Gandhi
- 1569790151** **ECR (Encryption with Cover Text and Reordering) Based Text Steganography**
Sahil Kataria, Kavita Singh, Tarun Kumar, Maninder Singh Nehra
- 1569789813** **A Hybrid Approach for Image Security by Combining Encryption and Steganography**
Jaspal Kaur Saini, Harsh K Verma
- 1569848485** **Performance Comparison of Wavelet Filters Against Signal Processing Attacks**
Amit Kumar Singh, Mayank Dave, Anand Mohan
- 1569795115** **A Novel Visual Cryptography Scheme Based on Substitution Cipher**
Gyan Singh Yadav, Aparajita Ojha

MONDAY, 9 DECEMBER 2013

Session	:	TRACK-4 Pattern Recognition
Title	:	Object Recognition
Time	:	11:45AM – 1:45 PM
Session Chair	:	
Hall	:	CR 8

- 1569801617** **Expanding Small UAV Capabilities with ANN: A Case Study for Urban Areas Observation**
Rodrigo L. Mota, Luiz F. Felizardo, Elcio H. Shiguemori, Alexandre B. Ramos, Felix Mora-Camino
- 1569791549** **Automatic Flag Recognition Using Texture Based Color Analysis and Gradient Features**
Saumya Jetley, Atish Vaze, Swapnil Belhe
- 1569795129** **Improved Active Contour Model for Satellite Images**
Pratibha P. Shingare, Madhuri M. Nagare, Chaitrali P. Joshi
- 1569806061** **A Rotation and Location Invariant Face Identification and Localization with or Without Occlusion Using Modified RBFN**
Dhananjoy Bhakta, Goutam Sarker
- 1569819415** **Medical Image Denoising From Similar Patches Derived by Rough Set**
Ashish Phophalia, Suman K. Mitra, Ajit K. Rajwade
- 1569786869** **Recovery of Drawing Order in Handwritten Digit Images**
Anuj Sharma
- 1569816791** **Robust and Accurate Iris Recognition Using Improved Classical Hough Transform for IRIS Detection Methodologies**
Megha Chhabra, Nitin Bhatia
- 1569819149** **ChuckMe: A Fast Chucking Detection Algorithm Using Silhouette Analysis of Cricket Videos**
Vejeey Subash Gandyer

MONDAY, 9 DECEMBER 2013

Session : TRACK-1 Image Processing
Title : Content-Based Image Retrieval
Time : 4:00PM – 6:00 PM
Session Chair :
Hall : CR 5

- 1569799721** **Semantic Image Retrieval System Based on Object Relationships**
Shashank Shivakumar, Nikhil Goel, Ananthanarayana V.S., Cilson Cyriac, P Rajaram
- 1569800449** **Automatic Image Annotation Using Synthesis of Complementary Features**
Sreekumar K, Anjusha B, Rahul R Nair
- 1569778041** **Offline Signature Verification System Using Grid and Tree Based Feature Extraction**
Amit Kishore Shukla, Manoj Wairya
- 1569813173** **Content Based Retrival of Malaria Positive Images from a Clinical Database**
Somen Ghosh, Ajay Ghosh
- 1569800151** **Image Retrieval System Using Block-Based Statistical Features**
Deepika Shukla
- 1569819471** **Comparison of Methods of Deriving Priorities in AHP**
Vishal Gupta, Mukesh Kumar Rohil
- 1569815943** **Semantic and Content-Based Medical Image Retrieval for Lung Cancer Diagnosis with the Inclusion of Expert Knowledge and Proven Pathology**
Preeti Aggarwal, Renu Vig, H. K. Sardana
- 1569815923** **General Regression Neural Network Based Image Watermarking Scheme Using Fractional DCT-II Transform**
Rajesh Mehta; Navin Rajpal

MONDAY, 9 DECEMBER 2013

Session : TRACK-1 Image Processing
Title : Image and Video Compression
Time : 4:00PM – 6:00 PM
Session Chair :
Hall : CR 6

- 1569816387** **Early Termination in Diamond Search Method Using Statistical Analysis**
Nehal N. Shah, Upena D. Dalal
- 1569780283** **Quality Evaluation of Synthetic Video in Simultaneous Double Stimulus Environment**
Romass Pauliks, Ilmars Slaidins
- 1569790283** **One Pass Quality Control and Low Complexity RDO in A Quadtree Based Scalable Image Coder**
Yi Liu; Olivier Deforges; François Pasteau; Khouloud Samrouth
- 1569819013** **Efficient Progressive JPEG Decoder Using JPEG Baseline Hardware**
Mihir Mody, Vipul Paladiya, Kapil Ahuja
- 1569819363** **Scalable High Performance Loop Filter Architecture for Video Codecs**
Niraj Nandan, Mihir Mody
- 1569819109** **An FPGA-Based Fixed-Point Architecture for Binary Logarithmic Computation**
J. G. Pandey, A. Karmakar, C. Shekhar, S. Gurunarayanan
- 1569791421** **Phase-edge Based Approach for Pedestrian Segmentation Using NIR Camera and Tracking for Driver Assistance**
K S Chidanand Kumar

MONDAY, 9 DECEMBER 2013

Session : TRACK-2 Computer Vision
Title : 3D Shape and Structure Analysis
Time : 4:00 PM – 6:00 PM
Session Chair
Hall : CR 7

- 1569813543** **Gesture Recognition Using Kinect for Sign Language**
Harsh Vardhan Verma, Eshan Aggarwal, Satish Chandra
- 1569795161** **3D Modeling of Indoor Environments Using KINECT Sensor**
Arafa Majdi, Mohamed Chafik Bakkay, Ezzeddine Zagrouba
- 1569790881** **Hybrid 3D Registration Approach Using RGB and Depth Images**
Imran A Syed, Bishwajit Sharma
- 1569826085** **Formulation of Hierarchical Framework for 3D-GIS Data Acquisition Techniques in Context of Level-of-Detail (LoD)**
Parag Wate, Sameer Saran, S. K. Srivastav, Y.V.N. Krishna Murthy
- 1569791697** **Virtual Walkthrough of Data Centre**
Dhirendra Kumar Verma, Alpana Rajan, Amit Paraye, Anil Rawat
- 1569781185** **Lunar Impact Crater Modeling Using Trinocular Stereoscopic Depth inpainting**
Raghavendra H. Bhalerao, Shirish S.Gedam
- 1569816725** **Ontology Development Using Hozo and Semantic Analysis for Information Retrieval in Semantic Web**
Gagandeep Singh, Vishal Jain, Mayank Singh

MONDAY, 9 DECEMBER 2013

Session : TRACK-4 Pattern Recognition
Title : Technical Session
Time : 4:00 PM – 6:00 PM
Session Chair :
Hall : CR 8

- 1569812895** **Resourcesat-2 Image Restoration for Differential Pulse Code Modulation Compression Artifacts**
Anurag Pushpakar, Nitant Dube, Debajyoti Dhar, R. Ramakrishnan
- 1569800133** **A Unified Framework for Geometry and Exemplar Based Image Inpainting**
V Sairam, R Raghunatha Sarma, S Balasubramanian, A Sai Hareesh
- 1569815977** **Copyright Protection of Color Images Using A Novel Wavelet Based Watermarking Algorithm**
Kaiser J. Giri, Mushtaq Ahmad Peer, P. Nagabhushan
- 1569815701** **A Dualistic Sub-Image Histogram Equalization Based Enhancement and Segmentation Techniques for Medical Images**
K. RajMohan, G.Thirugnanam
- 1569794625** **Evaluation of Penalty Function Methods for Constrained Optimization Using Particle Swarm Optimization**
L. Ashoka Vardhan, Arunachalam Vasani
- 1569789703** **Robust Content Based Image Retrieval Based on Multi-Resolution Wavelet Features and Edge Histogram**
C. Patvardhan, A. K. Verma, C. Vasantha Lakshmi
- 1569792167** **Video Shot Boundary Detection Based on JND Color Histogram**
Nitin J. Janwe, Kishor K. Bhoyar

TUESDAY, 10 DECEMBER 2013

Session : TRACK-1 Image Processing
Title : Document Image Processing
Time : 10:45PM – 12:45 PM
Session Chair :
Hall : CR 5

- 1569814045** **CRAMM - Character Recognition Aided by Mathematical Morphology**
Sanatan Sukhija, Subhash Panwar, Neeta Nain
- 1569792127** **Kalman Predictor Based Edge Detector for Noisy Images**
Pradipta Roy, Prabir Kumar Biswas, Binoy Das
- 1569801453** **Automatic Blur Detection in Mobile Captured Document Images**
Ganesh Nunnagoppula, K Sai Deepak, Harikrishna G., N. Rai, P. Radha Krishna, Noranart Vesdapunt
- 1569792531** **Circuit Recognition Using Netlist**
Srikanth Sridar, Krishnan Subramanian
- 1569791949** **General Bases Indexing Using Approximate Structure Techniques**
Neila Kacem, Abir Gallas, Ezzeddine Zagrouba
- 1569791253** **Modified Self - Adaptive Plateau Histogram Equalization with Mean Threshold for Brightness Preserving and Contrast Enhancement**
Aedla Raju, Dwarakish G. S, D. Venkat Reddy
- 1569792059** **An Efficient Interest Point Detection Technique**
Pooja H R; Mohammed Shahid
- 1569798507** **Discrimination Metric for Bi- Histogram Equalization of Contrast Enhancement**
Santhi Krishnamoorthy, R.S.D. WahidaBanu

TUESDAY, 10 DECEMBER 2013

Session : TRACK-2 Computer Vision
Title : Motion and Video Analysis
Time : 10:45PM – 12:45 PM
Session Chair :
Hall : CR 6

1569816785 Recognizing Fast Moving Objects At Normal Human Perception Rate

Birmohan Singh, Dalwinder Singh, Gurwinder Singh

1569787389 Fast Epipolar Resampling of Trinocular Linear Scanners Images Using Chandrayaan-1 TMC Dataset

Raghavendra H. Bhalerao, Shirish S. Gedam, Andrés Almansa

1569793839 A Variational Approach for Optical Flow Estimation in Infra-Red or Thermal Images

Sanoj Kumar, Sanjeev Kumar, Balasubramanian Raman

1569810885 Depth and Scale Modeling of Object for 3D Motion Analysis in Video

Gurjit Singh Walia, Rajiv Kapoor, Satbir Singh

1569830915 Object Tracking Using Joint Enhanced Color-Texture Histogram

Manoj Diwakar, Pawan Kumar Patel, Kunal Gupta, Chetan Chauhan

1569787969 Mu-MoR: Multiple Moving Object Recognition Using Gabor-PCA Approach

M.T Gopala Krishna, M. Ravishankar, Ramesh Babu

TUESDAY, 10 DECEMBER 2013

Session : TRACK-3 Image Security & Forensics
Title : Image Security
Time : 11:00 AM – 1:00 PM
Session Chair :
Hall : CR 7

- 1569815527** **Newly Framed Cryptosystem for Color Images**
Taranjit Kaur, Reecha Sharma
- 1569814077** **A Fast DCT Based Method for Copy Move Forgery Detection**
Sunil Kumar, Jagannath Desai, Shaktidev Mukherjee
- 1569814459** **Private Chaotic Biometric Template Protection Algorithm**
Sanaa Ghouzali, Wadood Abdul
- 1569816079** **An Overview of Face Recognition in an Unconstrained Environment**
Rishav Singh, Hari Om
- 1569815145** **Analysis of Secured Video Steganography Using Computer Forensics Technique for Enhance Data Security**
Sunil. K. Moon, Rajeshree. D. Raut
- 1569774815** **Thermal Human Face Recognition Based on Gappy- PCA**
Ayan Seal, Mita Nasipuri, Debotosh Bhattacharjee, Dipak Kumar Basu
- 1569791247** **Unusual Event Detection Using Sparse Spatio-Temporal Features and Bag of Words Model**
Balakrishna Mandadi, Amit Sethi

TUESDAY, 10 DECEMBER 2013

Session : TRACK-4 Pattern Recognition
Title : Object Detection and Categorization
Time : 11:00 AM – 1:00 PM
Session Chair :
Hall : CR 8

- 1569805659 Identification of Military Vehicles in Hyper Spectral Imagery through Spatio-Spectral Filtering.**
Meghavi Prashnani, Ravi Shankar Chekuri
- 1569820399 Checking Automobile Fuel Adulteration Using Image Processing Techniques**
Sarvraj Singh Ranhotra
- 1569817021 Transfer Learning Using Adaptive SVM for Image Classification**
Arihant Jain, Siddharth Srivastava, Sumit Soman
- 1569794681 Local Directional Pattern (LDP) Based Fingerprint Matching Using SLFNN**
Ravinder Kumar, Pravin Chandra, Madasu Hanmandlu
- 1569799923 Hand Gestures Recognition Based on Lightweight Evolving Fuzzy Clustering Method**
Anna K. Lekova, Maya I. Dimitrova
- 1569816031 Identification of Kashmiri Script in a Bilingual Document Image**
Rumaan Bashir, Smk Quadri
- 1569813265 Text Extraction from Natural Images Based on Stroke Width Map**
Chunmei Liu
- 1569804869 Image Processing for Smart Farming: Detection of Disease and Fruit Grading**
Monika Jhuria, Rushikesh Borse, Ashwani Kumar

TUESDAY, 10 DECEMBER 2013

Session : TRACK-1 Image Processing
Title : Image and Video Processing Architecture
Time : 3:30 PM – 5:30 PM
Session Chair :
Hall : CR 5

- 1569790317** **Blind Image Quality Metric for Blurry and Noisy Image**
Zianou Ahmed Seghir, Fella Hachouf, Frédéric Morain-Nicolier
- 1569815869** **Systolic Array Based Architecture for DS Fast Motion Estimation Algorithm**
Karam Singh, Shaik Rafi Ahamed
- 1569781311** **Effective Use of Dense Optical Flow for Path Recognition**
Suman Deb, Mrinal Kanti Debbarma, S T Reddy, Ujjwal Baidya, Amit Kumar Sarkar, Pratik Renu
- 1569791505** **Image Registration in Noisy Environment Using Particle Swarm Optimization**
Haradhan Chel, Debashis Nandi
- 1569819497** **Low Power Architecture for Motion Compensation in a 4K Ultra-HD AVC and HEVC Video Codec System**
Hetul Sanghvi
- 1569819021** **Efficient Bit-Plane Implementation for VC1 Video Decoder for Multi-core Architecture**
Mihir Mody, Dinesh Anand Kothandapani

TUESDAY, 10 DECEMBER 2013

Session : TRACK-2 Computer Vision
Title : Segmentation and Grouping
Time : 3:30 PM – 5:30 PM
Session Chair
Hall : CR 6

- 1569788125** **An Adaptive Seed Point Selection Technique for Segmentation of Polarimetric Synthetic Aperture Radar Images**
Sanjay, D. Chaudhuri, Manish P. Singh, Abhai Mishra
- 1569819125** **Obstacle Detection System for Visually Impaired People**
Avneendra K Kanva, Chandan Jyoti Sharma, Tarun Kumar Rawat
- 1569813785** **Graph-Based Superpixel Labeling for Enhancement of Online Video Segmentation**
Alaa E. Abdel-Hakim, Mostafa Izz, Motaz El-Saban
- 1569800293** **Performance Evaluation of Localized Person Based Scene Detection and Retrieval in Video**
Neetirajsinh J. Chhasatia, Chintan U. Trivedi, Komal A. Shah
- 1569794471** **Saudi Riyal Coin Detection and Recognition**
Rawan S. Hassoubah, Amel F. Al Jebry, Lamiaa A. Elrefaei
- 1569791249** **Indian Topographic Map Symbols Understanding System**
Nikam Gitanjali Ganpatrao, Jayanta Kumar Ghosh
- 1569818535** **Multiclass Image Classification Using Multiscale Biorthogonal Wavelet Transform**
Om Prakash; Manish Khare; Rajneesh Srivastava; Ashish Khare

TUESDAY, 10 DECEMBER 2013

Session : TRACK-1 Image Processing
Title : Color Image Processing
Time : 3:30 PM – 5:30 PM
Session Chair :
Hall : CR 7

- 1569819691 Mobile Plant Species Classification: A Low Computational Approach**
Shitala Prasad, Sateesh K. Peddoju, Debashis Ghosh
- 1569819395 Implementation of Steganography Using CES Technique**
Jyoti Gaba, Mukesh Kumar
- 1569819003 Comparison of Various Models and Optimum Range of Its Parameters Used in SVM Classification of Digital Satellite Image**
Ankur Dixit, Shefali Agarwal
- 1569812605 A Steganography Framework for Easy Secret Sharing Through Images**
Praveen Palanisamy, Manoj Kumar Rajagopal
- 1569790807 Development of Photomicrographic Image Analysis Solution for Sporozoa Detection in Tasar Moth**
Abhra Pal, Tamal Dey, Amitava Akuli, Nabarun Bhattacharyya
- 1569819067 Secure Key Based Image Realization Steganography**
Shabnam Samima, Ratnakirti Roy, Suvamoy Changder
- 1569793385 Development of Improved SSIM Quality Index for Compressed Medical Images**
Basant Kumar, Shishu Bind Kumar, Chandrahas Kumar

TUESDAY, 10 DECEMBER 2013

Session : TRACK-5 Information Processing
Title : Wireless Networks & Ubiquitous
Computing
Time : 3:30 PM – 5:30 PM
Session Chair :
Hall : CR 8

- 1569816401** **A Software Reliability Growth Model with Two Types of Learning and a Negligence Factor**
Javaid Iqbal, N. Ahmad, S.M.K. Quadri
- 1569818315** **A Novel Approach for Location Tracking in Mobile Agents System Using Forward and Backward Pointers**
Rahul Hans, Ramandeep Kaur
- 1569818327** **Elimination of Gaussian Noise Using Entropy Function for a RSSI Based Localization**
Ashutosh Patri, Sai Prasanna Rath
- 1569816903** **Function Point Distribution Using Maximum Entropy Principle**
Sanjeev Patel
- 1569789555** **Heterogeneous Fuzzy Based Clustering Protocol**
Chander Mohan, Suman, Ashok Kumar
- 1569854711** **Performance Evaluation and Comparison of AODV and DSR Routing Protocols in MANETs Under Wormhole Attack**
Ravinder Ahuja, Pawan Ahuja, Alisha Ahuja
- 1569790033** **ToA Localization Using Two BTSs and Three BTSs with Dual Circle in GSM Network**
Atul Kumar Uttam, Sasmita Behera

WEDNESDAY, 11 DECEMBER 2013

Session : TRACK-1 Image Processing
Title : Image Restoration
Time : 10:45AM – 12:45 PM
Session Chair :
Hall : CR 5

- 1569814339** **Boundary Evolution Algorithm for Occluded Region Reconstruction (BEAORR)**
Bindu A, C N Ravi Kumar
- 1569795013** **Decision Based Salt-and-Pepper Noise Reduction Using Adaptive Weighted Bézier Approximation**
Vivek Singh Bhadouria, Dibyendu Ghoshal
- 1569813203** **Image Registration in Shifted Focus**
Shree Lakshmi C H, Jai Prakash Bhagat, Sibsambhu Kar
- 1569849233** **A Novel and Fast Algorithm for Random Valued Impulse Image Noise Cancellation Using Cubic B-splines**
Mohit Saxena, Mukesh Kumar Gupta
- 1569798211** **No-Reference Ultrafast Blur Evaluation in Ocular Biometrics**
Plamen Doynov, Sriram Pavan Tankasala
- 1569800295** **Hybrid Method for Image Super-Resolution Using Steering Kernel Regression and Example-based Approaches**
Sai Hareesh A, Chintalapati Lalith Srikanth, Venkatachalam Chandrasekaran
- 1569791947** **Hybrid Method for Wavelet Image Denoising**
Souad Benabdelkader, Ouarda Soltani
- 1569843511** **Design of Filters in Matlab Simulink for Reducing Current Harmonic Distortion**
Dhiraj Singh, Rohit Soni, Devendra Mittal

WEDNESDAY, 11 DECEMBER 2013

Session	:	TRACK-2 Computer Vision
Title	:	Motion and Tracking
Time	:	10:45AM – 12:45 PM
Session Chair	:	
Hall	:	CR 6

- 1569819427** **Automatic Cameraman for Dynamic Video Acquisition of Football Match**
Bikramjot Singh Hanzra, Romain Rossi
- 1569791569** **Robust Self Localization by Edge Feature Tracking**
Sezal Jain, Disha Prakash, Venkatesh K Subramanian
- 1569814921** **Real Time System for Robot Navigation**
Aman Pratap Shakya, Govind Kumar Jha.
- 1569817019** **An Efficient Algorithm for Human Tracking in Visual Surveillance System**
Ashish Kumar Sahoo, Sandeep Patnaik, Pradyut Kumar Biswal, Alok Kumar Sahani, Padma Bhushan Mohanta
- 1569819517** **Online Detection and Tracking of Moving Objects Based on Iterative Background Subtraction**
Khansa Ayari, Walid Barhoumi, Ezzeddine Zagrouba
- 1569819077** **Review on Different Change Vector Analysis Algorithms Based Change Detection Techniques**
Sartajvir Singh, Rajneesh Talwar

WEDNESDAY, 11 DECEMBER 2013

Session : TRACK-1 Image Processing
Title : Wavelet Image Processing
Time : 11:00AM – 1:00 PM
Session Chair :
Hall : CR 7

- 1569775751** **Joint Time Frequency Analysis Based Liveness Fingerprint Detection**
Anita Bhanarkar, Pankaj Doshi, Aditya Abhyankar, Aarti Bang
- 1569822949** **A Novel Algorithm for Random-valued-impulse Noise Detection and Removal Using Chebyshev Polynomial Interpolation**
Kireeti Bodduna
- 1569792037** **Binary Weights to Neighbouring Pixels Based Resolution Enhancement Mapping of Hyperspectral Image**
N. Prabhu, Manoj K. Arora, R. Balasubramanian, Kapil Gupta
- 1569812287** **Multi-touch Out-Focus: A Realization of SLR-like Narrow DOF in Mobile Camera**
Jai Prakash Bhagat, Shree Lakshmi C H, Kumar Ashish, Suresh Kr. Gara, Sibsambhu Kar
- 1569791529** **Noise Removal Using Double-Density Dual-Tree Complex DWT**
Rahul K. Sarawale, S. R. Chougule
- 1569865405** **A Fast Novel Algorithm for Salt and Pepper Impulse Noise Removal using B-Splines for Finger Print Forensic Images**
Syamala Jayasree P, Pradeep Kumar
- 1569816343** **Analysis of micro-Doppler Radar Signatures of Rotating Targets Using Gabor-Wigner Transform**
P. Suresh, K. Venkataramaniah, T. Thayaparan
- 1569796465** **SVD Based Low Contrast Satellite Image Enhancement in Stationary Wavelet Transform Domain**
Nagarjuna Venkat P, Umakant Mandawkar, Amit Kumar D

WEDNESDAY, 11 DECEMBER 2013

Session : TRACK-4 Pattern Recognition
Title : Statistical Methods and Learning & Face Recognition
Time : 11:00AM – 1:00 PM
Session Chair :
Hall : CR 8

- 1569793245** **Sequential Minimal Optimization for Support Vector Machine with Feature Selection in Breast Cancer Diagnosis**
Ajay Urmaliya, Jyoti Singhai
- 1569807527** **A MFCC Based Hindi Speech Recognition Technique Using HTK Toolkit**
Shweta Tripathy, Neha Baranwal, G.C.Nandi
- 1569791821** **Contour Feature-Point Tagging as a Mechanism for Automated Splitting of Highly-Occluded and Dissimilar-Sized Cells in Blood Smear Images**
Urmila Airsang, Viraj Ghorpade, Srividya Tirunellai Rajamani
- 1569813167** **A Novel Online Ensemble Approach for Concept Drift in Data Streams**
Parneeta Sidhu , MPS Bhatia, Aditya Bindal
- 1569791269** **HCI Using Hand Gesture Recognition for Digital Sand Model**
Harshitha R, Imran A Syed, Sangeeta Srivasthava
- 1569813421** **Constant Dimensionality Reduction for Large Databases Using Localized PCA with an Application to Face Recognition**
Tanuj N. Palghamol, Shilpa P. Metkar
- 1569788223** **Gene Expression Programming Based Age Estimation Using Facial Features**
Ashutosh, Baddrud Z. Laskar, Sunil Kumar, Swanirbhar Majumder