

# SITIS TRACK SIT

## Session Listing

### **SIT-S1: Pattern Analysis and Recognition I**

- 27 Intramodal Palmprint Authentication
- 53 3D Face Recognition using ICP and Geodesics Coupled Approach
- 91 A3FD: Accurate 3D Face detection

### **SIT-S2: Remote Sensing**

- 28 An Efficient Closed Form Approach to the Evaluation of the Probability of False Alarm of the ML-CFAR Detector in a Pulse-to-Pulse Correlated Clutter
- 54 On-Orbit Spatial Resolution Estimation of CBERS-2 CCD Imaging System using Ideal Step Edge Target
- 82 Operational Comparison of Dimensionality Reduction Techniques applied on Multispectral Satellite Images
- 96 Distributed Pre-Processed CA-CFAR Detection Structure For Non Gaussian Clutter Reduction

### **SIT-S3: Image and Video Coding**

- 12 SAR Image Compression based on Wedgelet-Wavelet
- 15 An Implementation of Multiple Region-Of-Interest Models H.264/AVC
- 87 Arbitrated AER image coding schemes

### **SIT-S4: Pattern Analysis and Recognition II**

- 13 Extraction of Arabic words from complex color images
- 38 Error analysis of subpixel edge localisation
- 84 Texture Discrimination Using Hierarchical Complex Networks

### **SIT-S5: Image Processing and Analysis**

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- 55 Large deviation spectrum estimation in two dimensions
- 59 Content-Based Watermarking by Geometric Warping and Feature-Based Image Segmentation
- 107 New Formulation of Textural Parameters of Order  $N > 1$

### **SIT-S6: Error-resilient image and video transmission**

- Multiple Description Video Coding (invited presentation)
- 71 Intersubband reconstruction of lost low frequency coefficients in wavelet coded images
- 85 Iterative Joint Source-Channel Decoding with source's statistics estimation:  
Application to an image transmission system

### **SIT-S7: Multimedia Processing**

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- 31** Rough Sets Attributes Reduction Based Line Doubling Algorithm for Video Deinterlacing
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- 44** Arbitrary Image Cloning

### **SIT-S8: Shape Matching**

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- 49** Two dimensional discrete statistical shape models construction
- 74** A new distorted circle estimator using an active contours approach

### **SIT-S9: Filtering, Restoration, Enhancement**

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- 83** An Optimal Edge Detector for Automatic Shape Extraction
- 105** Counting wolves by spectrogram image processing