

**MUSCLE International Workshop on
Computational Intelligence for Multimedia Understanding
Technical Program**

Day 1			Day 2		
9:00-9:15	Registration				
9:15-9:30	A. E. Cetin- E. Salerno	Welcome Speech			
9:30-10:30	M. Sezgin	Intelligent user interfaces: practical considerations in design and implementation	9:30-10:30	Z. Kato	2D and 3D object registration without point correspondences
10:30-10:45	Coffee Break		10:30-10:45	Coffee Break	
Regular Session			Regular Session		
10:45-12:45			B.U Toreyin	Sub-band Decomposition Based Supervised Feature Extraction for Hyperspectral Image Classification	
			J. Filip	A Probabilistic Approach to Rough Texture Compression and Rendering	
			J. G. Alaydin	Graph-Cut-based Compression Algorithm for Compressed-Sensed Image Acquisition	
			M. Tofighi	Denoising Using a Framework Based On Projections Onto Convex Sets (POCS)	
			W. Barhoumi	An Adptive Method for Hierarchical Texture-Based Segmentation	
10:45-12:45			M. Belahcene	Face Recognition Optimization by EFM-PSO	
			Z. Zdziarski	Extension of GBVS to 3D media	
			P. Perner	Our View To Novel Forensic Multimedia Data Analysis	
			M. Leszczuk	Key Indicators for Monitoring of Audiovisual Quality	
			M. Trocan	Content-based Video Fingerprinting Method for Fast Key Generation and Retrieval	

12:45-14:00	Lunch		12:45-14:00	Lunch	
14:00-15:00	M.N. Gurcan	Medical Image Analysis: Visual Decomposition and Modeling	14:00-15:15	Regular Session	
15:00-16:45	MIRACLE Session			M. D'Acunto	Radon Transform: Identification of Noise and Instrumental Artifacts
	P. Belhomme	Out-Of-Sample Calibration Approach For Classification Methods Based On Spectral Graph Theory		A. Tonazzini	Non-stationary modeling for the separation of overlapped texts in documents
	A. Bozkurt	Multi-scale directional filtering based method for Follicular Lymphoma grading		D. Khanduja	Segmentation and Recognition Techniques for Handwritten Devanagari Script
	P. Perner	Image Acquisition And Detection Of The Iris For Iridiology		Coffee Break	
	N. Grammalidis	Detection of centroblasts in H&E stained images of follicular lymphoma	15:30-17:00	MUSCLE/MIRACLE Meeting	
16:45-17:00	Coffee Break				
17:00-18:15	Regular Session				
	N. Kiryati	Real-Time Embedded System For Road-Crossing Assistance			
	A. Eleyan	Gabor Wavelet Transform Based Facial Expression Recognition Using PCA And LBP			
	I. Cinaroglu	A Direct Approach For Human Detection With Catadioptric Omnidirectional Camera			