

Final Program - 3rd IEEE OTCBVS 2006

<http://www.cse.ohio-state.edu/OTCBVS/06/>

Time	Sessions	Presentations / Papers	Authors	Session chairs
8:15 -- 9:20	Opening session	Welcome message by IEEE OTCBVS'06 Chairs: Riad I. Hammoud, James W. Davis		Riad I. Hammoud, James W. Davis
		Keynote Talk: Making The Most of Multi-Modal Image Fusion	Lawrence B. Wolff	
9:20 -- 10:20	Session 1 - Multi-Modal Multi-Sensory Recognition	A Sequential Vehicle Classifier for Infrared Video using Multinomial Pattern Matching	Mark Koch, Kevin Malone	Barbara Lynn O'Kane, Riad I. Hammoud
		Multi-Sensory Face Biometric Fusion (for Personal Identification)	Ognjen Arandjelovic, Riad Hammoud, Roberto Cipolla	
		Multiresolution Approach for Non-Contact Measurements of Arterial Pulse using Thermal Imaging	Sergey Chekmenev, Aly Farang	
10:20 -- 10:45	Morning coffee break			
10:45 -- 11:05	session 2 - Adaptive Target Tracking	3D Target Scale Estimation and Motion Segmentation for Size Preserving Tracking in PTZ Video	Yi Yao, Besma Abidi, Mongi Abidi	James W. Davis
11:05 -- 11:30	Invited Talk	Figure of Merit for Detection of Moving Targets	Barbara Lynn O'Kane (US Army Night Vision Lab)	
11:30 -- 12:30	session 3 - Moving Object Detection	Robust Moving Object Detection at Distance in the Visible Spectrum and Beyond Using A Moving Camera	Yan Zhang, Stephen Kiselewich, William Bauson, Riad Hammoud	Ioannis Pavlidis
		A class of detection filters for targets and anomalies in multispectral / hyperspectral imagery	Stefan Robila	
		Moving Object Localization in Thermal Imagery by Forward-backward MHI	Zhaozheng Yin, Robert Collins	
12:30 -- 2:00	Lunch break			
2:00 -- 3:20	session 4 - Multi-Modal Tracking and Surveillance	Coalitional Tracking in Facial Infrared Imaging and Beyond	Jonathan Dowdall, Ioannis Pavlidis, Panagiotis Tsiamirtzis	Firooz Sadjadi, Riad I. Hammoud
		A Robust Object Video Tracking by Using Active Contours	Mohand Saïd Allili, Djemel Ziou	

	Applications	Robust Multi-Pedestrian Tracking in Thermal-Visible Surveillance Videos	Alex Leykin, Riad Hammoud	
		Robust Video-Based Surveillance by Integrating Target Detection with Tracking	Junxian Wang, George Bebis, Ron Miller	
3:20 -- 3:40	Afternoon coffee break			
3:40 -- 5:00	session 5 - Fusion and Invariance	A Comparative Study of Boosted and Adaptive Particle Filters for Affine-Invariant Target Detection and Tracking	Guoliang Fan, Vikay Venkataraman, Li Tang, Joseph Havlicek	Nitin M Vaidya, James W. Davis
		Feature-level Fusion for Object Segmentation using Mutual Information	Vinay Sharma, James W. Davis	
		Invariant Object Material Identification via Discriminant Learning on Absorption Features	ZhouYu Fu, Antonio Robles-Kelly, Robby Tan, Terry Caelli	
		Invariants of Passive Infrared Polarization	Firooz Sadjadi	
5:00 -- 5:30	Closing session	Best paper award, closing remarks ... get involved!		Riad I. Hammoud, James W. Davis

last update by Riad Hammoud, May 08, 06 -- Questions: riad.hammoud@delphi.com