

6th IEEE Workshop on Object Tracking and Classification Beyond and in the Visible Spectrum (OTCBVS), Miami, Florida, June 20, 2009

www.otcbvs.com	7:00 - 8:00am	Complimentary breakfast	
	8:10 - 8:20	Katsushi Ikeuchi, Riad I. Hammoud, Robert W. McMillan, Guoliang Fan	Welcome message from the chairs
Invited talk + invited papers (Chairs: Katsushi Ikeuchi and Riad I. Hammoud)	8:20- 9:20	Dr. Mubark Shah	An Overview of Object Tracking in EO and IR Imagery
	9:20 - 9:40	Stan Li, Zhen Lei, Meng Ao	The HFB Face Database for Heterogeneous Face Biometrics Research
	9:40 - 10:00	Danil Prokhorov	Object Recognition in 3D Lidar Data with Recurrent Neural Network
	10:00 - 10:30	Coffee break	
Session 2: Vehicle Recognition / fusion / Laser imagery (Chair: Guoliang Fan)	10:30 - 10:50	Shirmila Mohottala, Shintaro Ono, Masataka Kagesawa, Katsushi Ikeuchi	Fusion of a Camera and a Laser Range Sensor for Vehicle Recognition
	10:50 - 11:10	Tingbo Hou, Sen Wang, Hong Qin	Vehicle Matching and Recognition under Large Variations of Pose and Illumination
Session 3: Pedestrian Recognition in Far Infrared (Chair: Robert W. McMillan)	11:10 - 11:30	Kai Juengling, Michael Arens	Feature based person detection beyond the visible spectrum
	11:30 - 11:50	Mayank Bansal, Shunguang Wu, Jayan Eledath	Pedestrian Association and Localization in Monocular FIR Video Sequence
Workshop announcement	11:50 - 12:00	Best paper award (CCD CAMERA ADIMEC-1600M), benchmark activity, etc	
	12:00 - 1:30	Lunch break	
Session 4: Target Tracking (Chair: Riad I. Hammoud)	1:40 - 2:00	Vijay Venkataraman, Guoliang Fan, Xin Fan, Joseph Havlicek	Appearance Learning by Adaptive Kalman Filters for FLIR Tracking
	2:00 - 2:20	Colin Johnston, Nick Mould, Joseph Havlicek, Guoliang Fan	Dual Domain Auxiliary Particle Filter with Integrated Target Signature Update
Session 5: Background modeling, surveillance & defense (Chair: Guoliang Fan)	2:20 - 2:40	Fida EL BAF, Thierry BOUWMANS, Bertrand VACHON	Fuzzy Statistical Modeling of Dynamic Backgrounds for Moving Object Detection in Infrared Videos
	2:40 - 3:00	Brendan Klare, Sudeep Sarkar,	Background Subtraction in Varying Illuminations Using an Ensemble Based on an Enlarged Feature Set
	3:00 - 3:20	Coffee break	
Session 5: Background modeling, surveillance & defense (Cont'd)	3:20 - 3:40	Jochen Penne, Johannes Feulner, Eva Kollorz, Joachim Hornegger,	Robust Real-Time 3D Modeling of Static Scenes Using Solely a Time-of-Flight Sensor
	3:40 - 4:00	Mark Koch, Hung Nguyen, Casey Giron	A Rapidly Deployable Virtual Presence Extended Defense System
Session 6: Smart Sensors (Chair: Robert W. McMillan)	4:00 - 4:20	Kuntal Sengupta, Fatih Porikli	Geometric Sequence (GS) Imaging with Bayesian Smoothing for Optical and Capacitive Imaging Sensors
	4:20 - 4:40	Tao Wang, Zhigang Zhu, Harvey Rhody	A Smart Sensor with Hyperspectral/Range Fovea and Panoramic Peripheral View
Session 7: Hyperspectral Image Analysis (Chair: Riad I. Hammoud)	4:40 - 5:00	Raphaël Marée, Benjamin Stevens, Pierre Geurts, Yves Guern, Philippe Mack	A Machine Learning Approach for Material Detection in Hyperspectral Images
	5:00 - 5:20	Pattaraporn Khuwuthyakorn, Antonio Robles-Kelly, Jun Zhou	An affine Invariant Hyperspectral Texture Descriptor Based Upon Heavy-tailed Distributions and Fourier Analysis
Closing session	5:20 - 5:50	Open discussion: evaluation remarks, planning for 2010, sponsorship, etc. - get involved!	