

7th IEEE Workshop on Object Tracking and Classification Beyond and in the Visible Spectrum (OTCBVS), San Francisco, California, June 13, 2010

www.otcbvs.com	8:00 - 8:30am	Complimentary breakfast	
	8:30- 8:40	Katsushi Ikeuchi, Riad I. Hammoud, Swarup Medasani, Guoliang Fan	Welcome message from the chairs
Invited talk + invited papers	8:40- 9:40	Dr. Rama Chellappa	Object Detection, Tracking and Identification Using Hyperspectral Video
	9:40 - 10:00	Travis Gault, Nicholas Blumenthal, Aly Farag, Tom Starr	Extraction of the superficial facial vasculature, vital signs waveforms and rates using thermal imaging
	10:00 - 10:30	Coffee break	
Session 1: Thermal imaging for people tracking	10:30 - 10:50	Chandrashekhar Padole and Luis Alexandre	Wigner Distribution based Motion Tracking of Human Beings using Thermal Imaging
	10:50 - 11:10	Atousa Torabi, Guillaume Massé, and Guillaume-Alexandre Bilodeau	Feedback scheme for thermal-visible video registration, sensor fusion, and people tracking
Session 2: Robust object detection	11:10 - 11:30	Vijay Venkataraman and Fatih Porikli	RelCom: Relational Combinatorics Features for Rapid Object Detection
	11:30- 11:50	Oriol Martinez, Luis Colomina, Ignacio Gomez, Carlos Dorronsoro, Xavier Binefa	Concealed object detection and segmentation over Millimetric Waves Images
Workshop announcement	11:50 - 12:00	Best paper award	
	12:00 - 2:00	Lunch break	
Session 3: Tracking via lighting learning and reflectance modeling	2:00 - 2:20	Tingbo Hou, Sen Wang and Hong Qin	Active Lighting Learning for 3D Model Based Vehicle Tracking
	2:20 - 2:40	Hien Nguyen, Amit Banerjee and Rama Chellappa	Tracking via Object Reflectance using a Hyperspectral Camera
Session 4: Segmentation assessment and feature matching	2:40 - 3:00	Michael Arens and Claus Anderer	Measuring the Quality of Figure/Ground Segmentations
	3:00 - 3:20	Kenton Oliver, Weilin Hou and Song Wang	Feature Matching In Underwater Environments Using Sparse Linear Combinations
	3:20 - 4:00	Coffee break	
Session 5: 3D modeling via active and passive sensing	4:00 - 4:20	Firooz Sadjadi and Evan Ribnick	Passive 3D Sensing, and Reconstruction using Multi-View Imaging
	4:20 - 4:40	Wei Yao, Stefan Hinz and Uwe Stilla	Airborne Analysis and Assessment of Urban Traffic Scenes from LiDAR Data – Theory and Experiments
Closing session	4:40 - 5:00	Open discussion: evaluation remarks, planning for 2011, sponsorship, etc. - get involved!	