

CALL FOR PAPERS

6th IEEE International Workshop on

Object Tracking and Classification Beyond and in Visible Spectrum

Fontainebleau Hotel, Miami Beach, Florida, USA

JUNE 20, 2009

in conjunction with IEEE Conference on Computer Vision and Pattern Recognition 2009

<http://www.otcbvs.com>

History speaks for itself, and with five consecutive sell-out years, this established workshop series, organized in conjunction with IEEE CVPR conference, certainly has a history of which to be proud. Two special issues of prestigious IJCV and CVIU Journals on highlighted topics of this workshop series have been published recently, and an outstanding Springer-Verlag book on “Augmented Vision Perception in Infrared: Algorithms & Applied Systems, 2009, ISBN: 978-1-84800-276-0.

• **Aims and Scope:** The scope of Object Tracking and Classification Beyond and in Visible Spectrum workshop series (OTCBVS) encompasses many disciplines, including visible, infrared, far infrared, millimeter wave, microwave, radar, synthetic aperture radar, and electro-optical sensors as well as the very dynamic topics of image processing, computer vision and pattern recognition. It is a fertile area for growth in both research analysis and experimentation and includes both civilian and military applications. The availability of ever improving computer resources and continuing improvement in sensor performance have given great impetus to this field of research. This technology “push” has been balanced by a technology “pull” resulting from increasing demand from potential users of this technology including both military and civilian entities as well as needs arising from the growing field of homeland security. This series of OTCBVS workshops creates connections between different communities in the machine vision world ranging from public research institutes to private, military, and medical laboratories. It brings together pioneering academic, industrial and military researchers and engineers in the field of computer vision, image analysis, pattern recognition, signal processing, sensors, and human-computer interaction.

• **Topics and Submission Guidelines:** This sixth IEEE Int’l Workshop on OTCBVS solicits original contributions where *non-visible sensors* from various domains are employed. However, we also encourage the submission of high quality papers that deal with tracking, recognition and classification *in the visible spectrum*. Comparative evaluation studies across the non-visible spectrum for a given computer vision or pattern recognition task are also encouraged. An updated benchmark/test dataset is available at: <http://www.cse.ohio-state.edu/otcbvs-bench/>

The **topics of interest** include: Object/Target Detection/Tracking/Recognition/Classification; Threat/Event recognition; Combining visible & non-visible signals; Information fusion from disparate sensors; Multimodal Facial Recognition; Night vision; Vision augmentation enabling system concepts and components; Avionics systems with augmented vision, Automotive, Medical, Security and Military Applications, ,

The paper submission is due by 5pm **March 06, 2009 EST**. All papers must be submitted anonymously, throughout the website of OTCBVS’09, and in-line with the standard **IEEE CVPR** paper format. More details at: <http://www.otcbvs.com>

Workshop Dates:

- Submission of full manuscripts: **March 06, 2009**.
- Notification to authors: March 24, 2009
- Submission of revised manuscripts: April 01, 2009

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