

# 13th IEEE Workshop on Perception Beyond the Visual Spectrum



In Conjunction with  
**CVPR 2017**

Honolulu, Hawaii, USA - July 21, 2016

## CALL FOR PAPERS



**BAE SYSTEMS**

## Organization

### Organizer and Program Chair:

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## Important Dates

- Paper Submission: **March 19, 2017**
- Author Notification: **May 01, 2017**
- Camera Ready: **June 4, 2017**
- PBVS Workshop: **July 21, 2017**

## Topics of Interests

### Sensing/Imaging Technologies

- IR/EO imaging system
- Underwater sensing
- Hyperspectral/Satellite imaging
- Spectroscopy/Microscopy imaging
- LIDAR/LDV sensing
- Compressive sensing
- RADAR/SAR imaging
- RGBD sensing

### Applications & Systems

- Surveillance and reconnaissance systems
- Autonomous vehicles
- Autonomous ships
- Autonomous grasping
- Vision-aided navigation
- Night/Shadow vision
- Sensing for agriculture and food safety
- Vision-based autonomous multi-copter

### Theory and Algorithms

- Imagery/Video exploitation
- Object/Target tracking and recognition
- Feature extraction and matching
- Activity/Pattern learning and recognition
- Deep/Transfer/ learning, Domain adaptation
- Multimodal/Multi-sensor/INT fusion
- Multimodal Geo-registration
- 3D Reconstruction and Shape modeling

Visit the WS webpage to download our IR/thermal datasets, submit questions/suggestions and for the latest announcements:

<http://www.otcbvs.com>