

# OSA Incubator

## Implications of Compressive Sensing Concepts to Imaging Systems

9-11 April 2014

OSA Headquarters • 2010 Massachusetts Ave. NW • Washington, DC, USA

HOSTED BY:

Ravi Athale, *Office of Naval Research*; Abhijit Mahalanobis, *Lockheed Martin*  
Joe Mait, *Army Research Laboratory*; Mark Neifeld, *University of Arizona*

### AGENDA

#### Wednesday, 9 April 2014

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**18:00**      **Welcome Dinner**  
Ezme, 2016 P Street, NW

#### Thursday, 10 April 2014

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**7:45**      **Breakfast**  
OSA Headquarters, 2010 Massachusetts, Ave., NW

**8:15**      **Welcome**  
Elizabeth Rogan, Chief Executive Officer, OSA  
Abhijit Mahalanobis, Lockheed Martin

**8:30**      **Goals of the Incubator**  
Mark Neifeld, University of Arizona

**9:00**      **Mathematical Framework**  
Larry Carin, Duke University

**9:30**      **Medical Imaging Panel**  
Emil Sidky, University of Chicago  
Christian Graff, Center for Devices and Radiological Health, USFDA

**10:50**      **Coffee Break**

**11:10**      **RF Sensing Panel**  
Lee Potter, Ohio State University  
Nathan Goodman, University of Oklahoma

## Thursday, 10 April 2014 (continued)

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- 12:30 Lunch with Guest Speakers**  
Jonathan Nichols, Naval Research Laboratory  
David Brady, Duke University
- 13:45 EO Imaging Panel**  
Mike Gehm, Duke University  
James Fienup, University of Rochester
- 15:15 Break-out Group Goals**
- 15:30 Break-out Group Discussions**
1. Commercial Security Cameras for use in Homes, Businesses, Stadiums or Airports  
Leader: Mike Gehm, Duke University
  2. UAV Surveillance Imaging  
Leader: Randy Gann, Raytheon Company
  3. Near IR Imaging for Intra-cranial Bleeding Detection and Localization  
Leader: Emil Sidky, University of Chicago
  4. Soldier-scale Situational Awareness  
Leader: Richard Lepkowitz, Rose-Hulman Institute of Technology
  5. Astronomical Imaging Applications  
Leader: Jim Fienup, University of Rochester
- 18:30 Dinner**  
Al Tiramisu, 2014 P St NW, Washington, DC 20036

## Friday, 11 April 2014

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- 8:30 Breakfast**  
OSA Headquarters, 2010 Massachusetts, Ave., NW
- 9:00 Break-out Group Discussions (continued)**
- 10:00 Coffee Break**
- 10:30 Break-out Group Presentations**
- 12:00 Working Lunch**  
Group Discussion to Outline Report
- 13:15 Wrap-up and Next Steps**
- 13:30 Adjourn**