

## Agenda for UCF visit to AFRL Eglin

### Aug 10, 2017 - Thurs

2:00-3:00 pm

- Organization Updates
  - o AFRL: Dr. David Lambert
    - New facilities & capabilities on the horizon: Advanced Munitions Technology Center, Networked Weapons Lab, Terminal Engagement Center, Virtual Warfare Munitions Server
  - o UCF: Dr. Michael Georgiopoulos

3:00-3:30pm

- Quantum Cascade Lasers and Ring Cavity Surface Emitting Laser Diodes. UCF Dr. Arkadiy Lyakh; AFRL: Ron Rapp

3:30-3:45pm break and transit to KHILS

3:45-4:30pm

- TOUR: Kinetic Hardware in the Loop Simulator (KHILS)

4:30-5:15pm

- TOUR: Bio-Inspired Sensing Lab

5:30 Wrap-up

### Aug 11, 2017 - Fri

7:30-9:30 am

- Characterization & Mechanics of materials - NOTE: *High interest in dynamic materials characterization and diagnostics* UCF: Dr. Ali Gordon, AFRL: Dr. Philip Flater, Dr. Brad Martin, Dr. Jeremy Kleiser, and Dr. Crystal Pasiliao
- Additive Manufacturing UCF: Dr. Arvi Kar; AFRL: Dr. Amanda Schrand, Dr. Philip Flater
- Experimental Diagnostics – Temp. Meas. UCF: Dr. Subith Vasu (*Aug 11 only*), AFRL: Dr. Su Peiris

9:30-10:00am – transit to UF-REEF

10:00-10:45am

- TOUR: Univ of Florida – Research and Engineering Education Facility (UF-REEF)

10:45-11:15am – transit to STRAEF and VHT at C-86

11:15-11:45am

- Non-Linear Fiber Optics - UCF Dr. Demetrios Christodoulides AFRL: Dr. Christian Keyser

11:45am-12:30pm

- TOUR: Variable Height Tower and Seeker Lab

12:30pm Wrap up

1:00pm – UCF Depart