**6th UF/FL-ASPRS Joint LiDAR Workshop**

**16 November 2018**

***Presented by:***

**Florida Region – ASPRS**

**University of Florida – Geomatics**







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**PROGRAM**

**AM SESSION 1: Welcome and Agency Updates**

 **08:30- Arrivals and Sign-in**

**08:45**-Welcome & ASPRS Business – Al Karlin

**09:00**- Peninsula LiDAR Program – Dewberry:

(Keith Patterson/Elisa MacPherson)

 **09:20**- Coastal Mapping Program – USGS: Cheryl Hapke

 **09:40**- State Plane Revision – Rick Pryce (FSMS)

 **10:00**- UAV Briefing – USACE/SAJ – (Victor Wilhelm)

**10:30 - COFFEE BREAK – 11:00**

**AM SESSION 2: Research Presentations**

**11:00** – Full Motion Video in QGIS – Eric Andelin (Wantman Group)

**11:20** – Terrestrial and UAV LiDAR – Lori Collins (University of South Florida)

**11**:**40** – USVI SfM Bathymetry – C. Wayne Wright (USGS/NASA)

**12:00** – UAS-based Shoreline Monitoring – Sudhagar Nagarajan (Florida Atlantic University)

**12:20 – Lunch Break – 13:20**

**PM SESSION 3: UF/Geomatics Workshop**

**13:20 –** UAV LiDAR Applications in Tropical Ecosystems – Eben North Broadbent

**13:40 –** Applications of Uncertainty (TPU) – Ben Wilkinson

**14:00 –** UAS Applications to Improve Interdisciplinary Research – Adam Benjamin

**14:20 - COFFEE BREAK – 14:40**

**PM SESSION 4: Technical Workshop**

**14:40 –** Drone LiDAR Accuracy Considerations – GeoCue (Lewis Graham)

**15:00 –** UAS Autocorrelated Pointcloud Accuracy – Woolpert, Inc. (Mike Zoltek)

**15:20 –** Commercial UAS Project Cases – Surdex Corp. (Ed Turner)

**15:40 –** New UAS LiDAR Sensors – ReiglUSA (My-Linh Truong)

**16:00 –** UAS Applications – GPI GeoSpatial (Matt LaLuzerne)

**16:20 –** Geiger-Avalanche Mode Lidar Analysis – Harris Corp. (Kristian Damkjer)

**PM SESSION 5 – Wrap-up and Planning**

**16:40 – See you in the Spring (June ‘19) … Adjourn**

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