AIAA Summer Talk Series

August 3rd, 2022,
UF REEF Auditorium
Zoom: https://ufl.zoom.us/j/93102100640?pwd=VVp5MXZJUkFoaUNUMTFONXVuWng1Zz09#success

Time	Presenter	Title	Affiliation
09:30 - 09:50	Pavlo Krokhmal	Distributed Collaborative Information Fusion	University of Arizona
09:50 - 10:10	Yuri Antipov	Flight dynamics of a maneuvering morphing missile	Louisiana State
10:10 - 10:30	Jane Shin	Information Fusion for Autonomous Target Recognition using Heterogenous Sensors	University of Florida
10:30 - 10:50	Humberto Ramos	Information-Aware Guidance for Magnetic Anomaly based Navigation	University of Florida
10:50 - 11:10	Kyle Volle	Defending Against Adversarial Attacks to Ensure Learned Classifier Safety	University of Florida
11:10 - 11:25	Austin Lopez	Bio Inspired Active Anemosensing on an Unmanned Aerial Vehicle	University of Nevada, Reno
11:25 - 11:40	Charles Rumberger	Software Tools for Computer-assisted Metasurface Lens Design	Purdue University
11:40 - 13:00		**Lunch at REEF Lobby**	
13:00 - 13:15	Leonard Jung	Smooth Trajectory Generation for Multi-Agents in GPS Denied Environments	Purdue University
13:15 - 13:30	William Warke	Distributed Planar Pose Graph Optimization with Unit Dual Quaternions	University of Florida
13:30 - 13:45	Ishan Agarwal	Model Reference Adaptive Control for Multirotor Systems	University of Florida
13:45 - 14:00	Zach Lamb	Multi-Timescale Deep Neural Network (DNN) Nonlinear Adaptive Control for Nonlinear Systems	University of California, Santa Cruz
14:00 - 14:15	Andres Pulido	Information-driven Trajectory Planning for Multi-Agent Target Tracking under Uncertainty	University of Florida
14:15 - 14:30	Ciku Makumi	Approximate Dynamic Programming for Autonomous Target Tracking	University of Florida
14:30 - 14:45	Digya Acharya	Multi-camera Missing Scenes Construction with Adversarial Learning	University of Alabama in Huntsville
14:45 - 15:00	Gabriella Peburn	Nonlinear Control of Forced Non-Holonomic Multirotor Vehicles	University of Florida
15:00 - 15:15	Zijing Huang	Automatic Target Recognition with Heterogenous Sensor Platforms	University of Florida
15:15 - 15:30	Brendon Forsgren	Incremental Cycle-based Pose Graph Optimization for Multi-agent Teams	Brigham Young University
15:30 - 15:45	Alejandro Medina	Quadrotor flight Validation for Multi-Sensor Autonomous Target Recognition	University of Texas El Paso
15:45 - 16:00	Angela Lee	Reinforcement Learning for Red team vs Blue Team Engagements	University of Florida
16:00 - 16:15	Jon Williem Jr.	Effect of Gap Heating on the Thermal Response of a High-Speed Control Surface	THE™ Ohio State University