

**UCF College of Engineering and Computer Science
 Dean's Advisory Board Agenda
 Saturday, November 13, 2021
 8:30am – 2pm EST
 Research I Building – Room 101
 In-Person and Virtual (Please see invitation for active Zoom link)**

8:30am – 9:00am	Breakfast and Networking	
9:00am – 9:10 am	Welcome and New Member Introductions	Dan Schiappa, Chair
9:10am - 9:30am	Introduction of State of Affairs and SIP (Strategic Investment Program) Proposals <i>UCF's Strategic Investment Program invests in core academic activities to support the president's vision that UCF will become the world's leading public metropolitan research university.</i>	Michael Johnson, Interim Provost
9:30am – 9:40am	Discussion	
9:40am – 9:55am	Artificial Intelligence (AI) Center at UCF	Mubarak Shah (Virtual)
9:55am – 10:05am	Discussion	
10:05am-10:20am	Holistic, Global Decarbonization through Hydrogen: From Power Generation to Aviation to Space & Propulsion	Jay Kapat
10:20am-10:30am	Discussion	
10:30am-10:45am	Break	
10:45am – 11:00am	UCF Modeling & Simulation: The Next Era "Knight's Digital Twin" A Framework to Drive 10X Innovation, Integration, Inclusion, and Inspiration	Grace Bochenek Carolina Cruz-Neira
11:00am – 11:10am	Discussion	
11:10am-11:25am	eli2 Evolution	Tim Kotnour
11:25am-11:35am	Discussion	
11:35am – 11:50am	National Security Innovation Network (NSIN) / Hacking for Defense (H4D)	Bev Seay Mark Heinrich Oscar Rodriguez

11:50am-12:35pm	Lunch and Break – eli2 Student Interns	Mitchell Hunsucker Lynn Komarek
12:35pm – 12:50pm	Legislative Budget Requests (LBR)	Janet Owen Michael Georgiopoulos Ranganathan Kumar
12:50 – 1:00pm	Discussion	
1:00pm – 1:15pm	Leading the Transformation to Zero-Emission Economy and Society: A Resilient Microgrid with Zero-Emission Energy Generation, Renewables, and Digital Twins	Zhihua Qu
1:15pm – 1:25pm	Discussion	
1:25pm – 1:40pm	The Readability Consortium	Ben Sawyer
1:40pm – 1:50pm	Discussion	
1:50pm – 2:00pm	Closing Comments	Dan Schiappa