

ABE CENTENNIAL SEMINAR SERIES

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Advancing Florida's Specialty Crop Production and Harvesting using Mechanization, Precision Agriculture, Drones, Robotics, and Artificial Intelligence

In this seminar Dr's Burks, Lee, and Ampatzidis will explore 100 years of excellence in research by UF ABE faculty on introducing Mechanization, Robotics, Precision Agriculture and Crop Inspection technologies to Florida Agriculture. They will also look forward into where new opportunities may lie for Florida Agriculture as new technologies emerge and existing technologies mature.



**Yiannis
Ampatzidis**

Affiliation to ABE:
UF ABE Associate
Professor

Yiannis Ampatzidis is an Associate Professor in the Agricultural and Biological Engineering Department at UF. He leads the Precision Agriculture Engineering program at the Southwest Florida Research and Education Center (SWFREC). Some of his current research focus is on smart and digital agriculture, artificial intelligence, with a special interest in development, implementation, and evaluation of agricultural machines and control systems



Tom Burks

Affiliation to ABE:
UF ABE Professor

Tom Burks is a Professor in the Agricultural and Biological Engineering Department at UF. He has experience in yield monitoring systems and other precision agriculture technologies. His primary technical areas of interest are machine vision, robotics, hydraulic power systems, machinery systems, control systems, and artificial intelligence.



Daniel Lee

Affiliation to ABE:
UF ABE Professor

Dr. Wonsuk "Daniel" Lee is a Professor in the Agricultural and Biological Engineering at UF. His research focuses on developing sensing systems for precision agriculture and farm automation using artificial intelligence and other state-of-the-art technologies. His current research areas include the detection of strawberry flowers and fruit for yield prediction, plant wetness detection system, and two-spotted spider mites detection using deep learning.



Thursday April 20, 2023



10:30am - 11:30am (discussion to follow)



Frazier Rogers Hall

Zoom Link: <https://tinyurl.com/mrc9pvm7>

