

ASSIST Spring 2024 Industry Meeting

Agenda

March 14, 2024

Description	Speaker	Start	Talk Title
Welcome	Ravi Chilukuri	12:00	
ASSIST+IConS Update	Alper Bozkurt Michael Daniele	12:05	
IConS Project	Edgar Lobaton	12:15	Tracking the impact of physically active and sedentary states on cognition
IConS Project	Suresh Venkatesh	12:30	Millimeter-Wave Harmonic Radars for Highly Sensitive and Robust Entomological Tracking in Complex Environments
ASSIST Seed Project	Xiaoning Jiang	12:45	Advancing Cardiovascular Health: Wearable Ultrasound for Continuous Blood Pressure Monitoring
ASSIST Seed Project	Abraham Vazquez-Guardado	1:00	Implantable multiplexed optical biosensor for in-vivo detection of biomarkers
ASSIST Seed Project	Amay Bandodkar	1:15	Ambient moisture-powered, green batteries for wearable and field-deployable applications
ASSIST Seed Project	Xiaomeng Fang	1:30	Bi-functional Textile-based Wearable Sensors and Actuators
IConS Project	Michael Kudenov Brendan O'Connor Anna Locke	1:45	Intrinsically polarized transceivers for on-plant polarimetric sensing
BREAK		2:00	
ASSIST Associated Projects	Alper Bozkurt	2:15	E-textile Sensors for Lower Limb Prosthetics Inner Socket Monitoring
ASSIST Associated Projects	Michael Daniele	2:30	Tracking Life's Vital Signs: Wearable Sensor Technologies Across Diverse Domains
ASSIST Associated Projects	Amanda Mills	2:45	Textile-Embedded Devices for Audio Recording
ASSIST Associated Projects	Qingshan Wei	3:00	Accessible Sensor Technology For Human and Plant Health
ASSIST Associated Projects	Veena Misra	3:10	Monolithic MEMS array for E-Nose Applications
Commercialization	Yalcin Yamaner Ömer Oralkan	3:20	ClearSens Technology and Business Updates
Commercialization	Michael Daniele John Strang	3:30	Dermisense Technology and Business Updates
Commercialization	David Roberts Alper Bozkurt	3:40	Wearable Sensors for Guide Dog Puppies and Pet Welfare Monitoring
Wrap-up	Ravi Chilukuri	3:50	

