







Symposium on Drone Geophysics and Remote Sensing

DEMONSTRATION DAY - UAV and Sensors

Christopher Columbus Park - Tucson, AZ

March 28, 2024

start	end				
7:30	5:00	Registration			
		Sensor System Name - type	UAV	presenter	website
8:00	8:30	MagNimbus <i>magnetometer</i>	DJI Matrice 350	SPH Engineering	www.sphengineering.com
8:30	9:00	EM61Lite <i>metal detector</i>	IF1200A		www.dronegeosci.com
9:00	9:30	D230A <i>gamma ray spectrometer</i>	ArkSky 55		https://www.mwhgeo.com/
9:30	10:00	Zond Aero 500 <i>ground penetrating radar (GPR)</i>	DJI Matrice 350	SPH Engineering	www.sphengineering.com
10:00	10:30	Yellowscan <i>LiDAR</i>	DJI Matrice 350		https://darlingltd.com/
10:30	11:00	FLIR thermal <i>thermal</i>	DJI Matrice 210		https://darlingltd.com/
11:00	11:30	Echo Sounder <i>bathymeter</i>	DJI Matrice 350	SPH Engineering	www.sphengineering.com
11:30	12:00	Wingtra RGB <i>RGB camera / photogrammetry</i>	Wingtra		https://darlingltd.com/
12:00	1:00	Lunch Break			
1:00	1:30	Mapping Soil Water Content Using a Drone Enabled Passive Microwave Polarimeter		Maik Wollben	Skaha Labs
1:30	2:00	Processing MagNimbus Data in Oasis montaj		Matiss Brandt	SPH Engineering
2:00	2:30	Processing and Visualizing EM61Lite data		Ron Bell	

2:30	3:00	GPR Data Processing in Prism 2	Matiss Brandt	 SPH Engineering
3:00	3:30	Coffee Break		
3:30	4:00	Making Sense of Thermal Imaging and LiDAR Data	Mary Darling	
4:00	4:30	Echo Sounder data processing in Hydromagic	Matiss Brandt	 SPH Engineering
4:30	5:00	Tips and Tricks for Conducting Drone Surveys in AZ	Mary Darling	
visit: https://www.dronegeophysical.com or call Bill Barkhouse > 713-360-9775 or Ron Bell > 303-462-1466				