







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 Wolleben	Skaha Labs
1:30	2:00	Drone Enabled Fluxgate Magnetometer Arrays			Wolfgang Seuss	SENSYS Magnetometers & Survey Solutions
2:00	2:30	Processing MagNimbus Data in Oasis montaj			Matiss Brandt	SPH Engineering

2:30	3:00	GPR Data Processing in Prism 2	Matiss Brandt	
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	
4:30	5:00	Tips and Tricks for Conducting Drone Surveys in AZ	Mary Darling	
register at https://www.dronegeophysical.com or contact Ron Bell - ron@dronegeosci.com \ tel: 303-462-1466				

The SDGRS 2024 is made possible through the generour support of its sponsors.

The SDGRS 2024 Team is forever grateful for their support. Thank you.

