

Drones Applied to Geophysical Mapping

September 29, 2017 - George R Brown Convention Center – Room 330 A

<i>ID#</i>	<i>Title</i>	<i>Author, Affiliation</i>
1	Introduction to the Workshop	<i>John Lane, United States Geological Survey</i>
2	Introduction to UAV Systems for Geophysical Mapping	<i>Robert LeFebvre, NOVAerial Robotics, Inc.</i>
3	Drone uses in the Petroleum Industry: Upstream Focus	<i>Susan Nash, American Assoc. of Petroleum Geologists</i>
4	Accessing Difficult Areas for Seismic Surveying using Airborne Drones	<i>Andrew Feltham, Total</i>
5	A Review of UAS Magnetometers for Small Unmanned Aerial Systems (sUAS)	<i>Ron Bell, International Geophysical Services, Inc.</i>
6	MFAM: Miniature Atomic Magnetometer for Autonomous Magnetic Surveys	<i>Bart Hoekstra, Geometrics, Inc.</i>
7	Case History: Application of UAS Magnetometry to Mineral Exploration	<i>Michael Burns, Pioneer Aerial Surveys Ltd.</i>
8	Drone Magnetic and LiDAR Surveys for Locating Legacy Oil and Gas Wells	<i>Richard Hammack, Garret Veloski, and James Sams III (NETL) and Luke Wylies (USAVI)</i>
9	Examples of Autonomous Aeromagnetic Surveys Using a Vector Magnetometer	<i>Johannes Stoll - Mobile Geophysical Technologies</i>
10	Unmanned Aerial Vehicles and their Applications in Exploration and Mining	<i>Peter Dueck, Aerial Imaging Resources</i>
11	UAV Magnetometry for Mineral Exploration	<i>Jean-Christophe Ricard, Devbriio Geophysique Inc.</i>
12	Comparison of Ground Magnetic and Low Altitude Aeromagnetic Data	<i>Ron Bell, International Geophysical Services, LLC</i>
13	Drone for Gravity Terrain Corrections	<i>Kevin MacNabb, MWH Geo-surveys, Inc.</i>
14	Flight Over Hike: A Seismic Approach with UAV Technologies	<i>Rodney Lopez, Geospace Technologies, Inc.</i>
15	Mapping Oilfield Infrastructure with UAV	<i>Trevor Richards, Denbury Onshore, LLC and Aaron Totten, Seiclone Surveys, Inc.</i>