

# SAGEEP 2018 SCHEDULE AT A GLANCE

SUNDAY, MARCH 25

## Short Courses

8:00 am-5:00 pm	<b>SC-1: Passive Surface Wave Methods: Theory and Practice - Nashville Ballroom Salon A</b> Instructors: Don Zhao, Geogiga Technology Corp.; Antony J. Martin, GEOVision, Inc.; Mike Ostrzenski, Geogiga Technology Corp.
8:30 am-4:30 pm	<b>SC-2: GPR Principles, Practice &amp; Processing - Nashville Ballroom Salon B</b> Instructors: Dr. Nectaria Diamanti; Steve Cosway, Sensors & Software
	<b>SC-3: What's NEW! in Slimline Borehole Geophysical Logging? - Nashville Ballroom Salon C</b> Instructors: Jim LoCoco, Taylor Weber, Lia Martinez / Mount Sopris Instrument Company, Inc.
	<b>SC-7: Satellite InSAR Data: Reservoir Monitoring from Space - Memphis</b> Instructor: Alessandro Ferretti
7:30 am-5:00 pm	<b>Mammoth Cave/ Corvette Museum Field Trip (Sponsored by WKU Geophysics Innovation Laboratory)</b>
5:30-7:30 pm	<b>Ice Breaker - Exhibit Hall - Cumberland Ballroom (Sponsored by AECOM)</b>
7:30-9:30 pm	<b>Student Event in Nashville/Live Music/Transportation Provided (Sponsored by EEGS Foundation)</b>

MONDAY MARCH 26

**Opening Session:** John Nicholl Memorial Award and Keynote Presentation by Dr. Roy Van Arsdale, University of Memphis "The Geologic History of the Mississippi River Valley and its Earthquakes" - Nashville Ballroom Salons D & E  
**Monday Posters - Nashville Ballroom Foyer (Registration Area)**  
**Coffee in Exhibit Hall - Cumberland Ballroom (Sponsored by Tennessee Geological Survey)**

## Nashville Ballroom Salons D & E

10:20-12:00 am	<b>Best of Near Surface Geoscience 2017</b>				
12:00-1:30 pm	<b>Geoscientists without Borders® Luncheon - Paul Bauman "Geophysical Exploration for Groundwater at the Kakuma Refugee Camp in the Turkana Desert, Kenya" - Capitol I</b>				
	<b>Nashville Ballroom Salons A-C</b>	<b>Nashville Ballroom Salon D</b>	<b>Nashville Ballroom Salon E</b>	<b>Nashville Ballroom Salons F-H</b>	<b>Capitol II</b>
1:30-2:30 pm	Electrical Methods I	Ground Penetrating Radar I	Transportation & Infrastructure I	Fluid Flow Monitoring	Poster Session I Speed Talks
2:30-3:00 pm	<b>Monday Posters - Nashville Ballroom Foyer (Registration Area)</b> <b>Coffee in Exhibit Hall - Cumberland Ballroom (Sponsored by RT Clark Companies)</b>				
3:00-5:00 pm	Electrical Methods II	Ground Penetrating Radar II	Transportation & Infrastructure II	Mississippi Aquifer Investigation, Characterization and Processes	Earthquakes & Volcanoes

TUESDAY, MARCH 27

8:00-9:40 am	Multichannel Analysis of Surface Waves (MASW) I	Electromagnetics I	Nuclear Magnetic Resonance I	Perspective on Military Munitions Response Program (MMRP) Geophysics	Airborne EM, Airborne, Remote Sensing & Drones
10:00-10:20 am	<b>Tuesday Posters in Nashville Ballroom Foyer (Registration Area)</b> <b>Coffee Break in Exhibit Hall - Cumberland Ballroom (Sponsored by Geometrics, Inc)</b>				
10:20-12:00 pm	Multichannel Analysis of Surface Waves (MASW) II	Electromagnetics II	Nuclear Magnetic Resonance II	Environmental Security Technology Certification Program (ESTCP) sponsored Ordnance Classification	Airborne EM, Airborne, Remote Sensing, & Drones (continued)
12:00-1:30 pm	<b>EEGS Luncheon - Capitol I</b>				
1:30-2:20 pm	Multichannel Analysis of Surface Waves (MASW) III	Electromagnetics III	Geophysics Education I	Site Application of Munition Classification Technologies Contractor Experiences Both Good and Bad I (Sponsored by Parsons)	Archaeology I
2:30-3:00 pm	<b>Tuesday Poster Session Nashville Ballroom Foyer (Registration Area)</b> <b>Coffee Break in Exhibit Hall - Cumberland Ballroom</b>				
3:00-4:40 pm	Multichannel Analysis of Surface Waves (MASW) IV	Karst and Sinkholes - Sponsored by NSG Innovations	Geophysics Education II	Site Application of Munition Classification Technologies Contractor Experiences Both Good and Bad II (Sponsored by Parsons)	Archaeology II
5:00-6:30 pm	<b>Exhibitors Outdoor Equipment Demonstrations - On the Grounds of The Hermitage (transportation provided)</b>				
6:30-9:00 pm	<b>Conference Evening Event: BBQ Meal/Entertainment/Line Dancing/Special Tour of The Hermitage, Historic Home of US President Andrew Jackson (transportation provided) - Sponsors: TetraTech, AGI, Golder</b>				

WEDNESDAY, MARCH 28

8:00-9:40 am	Special Session: Geophysics for Urban Underground Space Development I	Hydrogeophysics I	Seismic Methods I	Innovative Applications of Geophysics on Military Munitions Response Program (MMRP) Projects	Humanitarian Geophysics
10:00-10:20 am	<b>Wednesday Posters in Nashville Ballroom Foyer (Registration Area)</b> <b>Coffee Break in Exhibit Hall - Cumberland Ballroom</b>				
10:20 am-12:00 pm	Special Session: Geophysics for Urban Underground Space Development II	Hydrogeophysics II	Seismic Methods II	Recent Results in Marine Acoustic Methods for Military Munitions Detection and Classification I	Uncertainty, Data Fusion, Big Data & Data Mining
12:00-1:30 pm	<b>Lunch on Own</b>				
1:30-2:30 pm	SIP - Recent Achievements Regarding Understanding, Measurement, and Inversion	Non-destructive Testing for Engineering Problems	Seismic Methods III	Recent Results in Marine Acoustic Methods for Military Munitions Detection and Classification II	Dams and Levees I (Sponsored by Olson Engineering)
2:30-3:00 pm	<b>Coffee Break in Exhibit Hall - Cumberland Ballroom</b>				
3:00-5:00 pm	Borehole Geophysics - Sponsored by Kentucky Geotechnical Engineering Group (Sponsored by KGEG)	Characterizing and Modeling Difficult Hydrogeologic Systems	Soil Science/Agriculture	Non-acoustic (EM and Other) Methods for Marine Explosives of Concern (MEC) Detection and Classification	Dams and Levees II (Sponsored by Olson Engineering)

THURSDAY, MARCH 29

## Short Courses

8:30 am-4:30 pm	<b>SC-4: From AEM Data to 3D Hydrogeological Conceptual Model - Nashville Ballroom Salon A</b> Instructors: Tom Martlev Pallesen, MSc, Chief Geologist, and Mats Lundh Gulbrandsen, Ph.D., R&D Consultant Geophysicist, I*GIS/A/S
	<b>SC-5: Understanding "Why" and "How" to use TDEM Methods for Near-surface Applications - Nashville Ballroom Salon B</b> Instructor: Rob Harris, Geonics
	<b>SC-6: Land and Marine Resistivity/IP Imaging in 2D, 3D and 4D - Nashville Ballroom Salon C</b> Instructor: Jason Greenwood, AGI
7:30 am-5:00 pm	<b>Field Trip to Center Hill and Normandy Dams (Sponsored by Tennessee Valley Authority) with Lunch On Own</b>