

Agenda  
for the



36<sup>TH</sup> ANNUAL

# GRIP

AUGUST 17<sup>TH</sup> & 18<sup>TH</sup>

2023

FDOT - State Materials Office | 5007 N.E. 39th Avenue, Gainesville, FL 32609

Segment 1: August 17, 2023 (Morning Session)			
No.	Time	Title	Presenter(s)
	8:30 – 8:45	<i>Welcome</i>	Rodrigo Herrera & Dave Horhota
1	8:45 – 9:15	<i>Use of 3D Seismic Waveform Tomography with SPT-Source for Geotechnical Site Characterization</i>	<a href="#">Dr. Khiem Tran</a>
2	9:15 – 10:15	<b>Performance Testing of GRS Test Piers Constructed with Florida Aggregates – Axial Load Deformation Relationships</b>	<a href="#">Dr. Scott Wasman</a>
	<b>10:15 – 10:30</b>	<b>Break</b>	
3	10:30 – 11:00	Validation and Update of the Sinkhole Index	<a href="#">Drs. Nick Chen &amp; Ryan Shamet</a>
4	11:00 – 11:30	<i>Estimating the As-Placed Grout Volume of Auger Cast Piles</i>	<a href="#">Dr. Gray Mullins</a>
5	11:30 – 12:00	<i>Using the PENCEL PMT to Evaluate Shallow Foundations at Florida's Fine Sand Sites</i>	<a href="#">Dr. Paul Cosentino</a>

*Segment 1 maximum PDH = 3.00 hours*

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<b>Segment 2: August 17, 2023 (Afternoon Session)</b>			
1	1:00 – 1:30	Relaxation of Driven Piles in Florida Soils	<a href="#"><u>Dr. Gray Mullins</u></a>
2	1:30 – 2:15	<b>Underwater Noise Level Study during Impact Pile Driving</b>	<a href="#"><u>Dr. Raphael Crowley</u></a>
3	2:15 – 3:15	<b>Field Investigation of Downdrag on Concrete Piles in Sandy Soil</b>	<a href="#"><u>Dr. Gray Mullins</u></a>
	<b>3:15 – 3:30</b>	<b>Break</b>	
4	3:30 – 4:00	Implementation of Shallow Foundations on Florida Limestone in FB-MultiPier	<a href="#"><u>Drs. Mike Rodgers &amp; Scott Wasman</u></a>
5	4:00 – 4:30	<b>Implementation of Geo-Stat Deep Foundation Software</b>	<a href="#"><u>Drs. Michael Davidson &amp; Mike Rodgers</u></a>
6	4:30 – 4:45	Drilled Shaft Imaging with 2D Ultrasonic Waveform Tomography (pending approved scope of services)	<a href="#"><u>Dr. Khiem Tran</u></a>

*Segment 2 maximum PDH = 3.50 hours*

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<b>Segment 3: August 18, 2023 (Morning Session)</b>			
No.	Time	Title	Presenter(s)
	8:20 – 8:30	<i>Welcome</i>	
1	8:30 – 9:00	Determination of in-situ Rock Density and Strength with SH-Love Wave Tomography	<a href="#"><u>Dr. Khiem Tran</u></a>
2	9:00 – 9:30	Measuring While Drilling (MWD) in Florida Soils for Geotechnical Site Characterization	<a href="#"><u>Dr. Mike Rodgers</u></a>
3	9:30 – 10:00	Vibrations and Ground Deformations due to Road Compaction	<a href="#"><u>Dr. Luis Arboleda</u></a>
	10:00 – 10:15	<b><i>Break</i></b>	
4	10:15 – 10:45	Effect of Spacing on Axial Resistance of Augercast Pile Foundations	<a href="#"><u>Dr. Luis Arboleda</u></a>
5	10:45 – 11:15	Assessment of Drilled Shaft Capacity and QA/QC from Measuring While Drilling (MWD)	<a href="#"><u>Dr. Mike Rodgers</u></a>
6	11:15 – 11:30	Resiliency of MSE Walls Subjected to Surge and Wave Loading (pending approved scope of services)	<a href="#"><u>Drs. Scott Wasman &amp; Mike McVay</u></a>
7	11:30 – 11:45	Residual Stresses in Florida Bored Piles (pending approved scope of services)	<a href="#"><u>Drs. Mike Rodgers &amp; Scott Wasman</u></a>

*Segment 3 maximum PDH = 3.00 hours*