

Agenda  
for  
FDOT  
37<sup>TH</sup> ANNUAL  
**GRIP** 2024

<b>Segment 1: August 15, 2024 (Morning Session)</b>			
No.	Time	Title	Presenter(s)
	8:30 – 8:45	<i>Welcome</i>	Rodrigo Herrera, Howie Moseley & Sue Zheng
1	8:45 – 9:15	Assessment of Drilled Shaft Capacity and QA/QC from Measuring While Drilling (MWD)	<a href="#">Dr. Mike Rodgers</a>
2	9:15 – 9:45	Use of 3D Seismic Waveform Tomography with SPT-Source for Geotechnical Site Characterization	<a href="#">Drs. Khiem Tran &amp; Scott Wasman</a>
	<b>9:45 – 10:00</b>	<b>Break</b>	
3	10:00 – 11:00	<b>Performance Testing of GRS Test Piers Constructed with Florida Aggregates – Axial Load Deformation Relationships</b>	<a href="#">Dr. Scott Wasman</a>
4	11:00 – 11:30	Validation and Update of the Sinkhole Index	<a href="#">Drs. Nick Chen &amp; Ryan Shamet</a>
5	11:30 – 12:00	Estimating the As-Placed Grout Volume of Auger Cast Piles	<a href="#">Dr. Gray Mullins</a>

*Segment 1 maximum PDH = 3.00 hours (in-person only)*

<b>Segment 2: August 15, 2024 (Afternoon Session)</b>			
1	1:15 – 1:45	Relaxation of Driven Piles in Florida Soils	<a href="#">Dr. Gray Mullins</a>
2	1:45 – 2:00	Field Investigation of Downdrag on Concrete Piles in Sandy Soil	<a href="#">Dr. Gray Mullins</a>
3	2:00 – 2:45	Using the PENCEL PMT to Evaluate Shallow Foundations at Florida’s Fine Sand Sites	<a href="#">Dr. Paul Cosentino</a>
	<b>2:45 – 3:00</b>	<b>Break</b>	
4	3:00 – 3:30	<i>Drilled Shaft Imaging with 2D Ultrasonic Waveform Tomography</i>	<a href="#">Dr. Khiem Tran</a>
5	3:30 – 4:00	Measuring While Drilling (MWD) in Florida Soils for Geotechnical Site Characterization	<a href="#">Dr. Mike Rodgers</a>
6	4:00 – 4:30	Implementation of Shallow Foundations on Florida Limestone in FB-MultiPier	<a href="#">Drs. Mike Rodgers &amp; Scott Wasman</a>

*Segment 2 maximum PDH = 3.00 hours (in-person only)*

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<b>Segment 3: August 16, 2024 (Morning Session)</b>			
<b>No.</b>	<b>Time</b>	<b>Title</b>	<b>Presenter(s)</b>
1	9:00 – 9:30	Determination of in-situ Rock Density and Strength with SH-Love Wave Tomography	<a href="#"><u>Dr. Khiem Tran</u></a>
2	9:30 – 10:00	Vibrations and Ground Deformations due to Road Compaction	<a href="#"><u>Dr. Luis Arboleda</u></a>
	<b>10:00 – 10:15</b>	<b>Break</b>	
3	10:15 – 10:45	Effect of Spacing on Axial Resistance of Augercast Pile Foundations	<a href="#"><u>Dr. Luis Arboleda</u></a>
4	10:45 – 11:15	<i>Resiliency of MSE Walls Subjected to Surge and Wave Loading</i>	<a href="#"><u>Dr. Scott Wasman</u></a>
5	11:15 – 11:45	<i>Residual Stresses in Florida Bored Piles</i>	<a href="#"><u>Drs. Mike Rodgers &amp; Scott Wasman</u></a>

*Segment 3 maximum PDH = 2.5 hours (in-person only)*

*\*Agenda is subject to change depending on each presenter's availability\**