Agenda
for
FDOT 38TH ANNUAL GRIP 2025

Segment 1: August 14, 2025 (Morning Session)			
No.	**Time**	**Title**	**Presenter(s)**
	8:30 – 8:45	*Welcome*	Rodrigo Herrera & Sasidhar Ayithi
1	8:45 – 9:15	Assessment of Drilled Shaft Capacity and QA/QC from Measuring While Drilling (MWD)	Dr. Mike Rodgers
2	9:15 – 9:45	Resiliency of MSE Walls Subjected to Surge and Wave Loading	Drs. Scott Wasman & Mike McVay
	9:45 – 10:00	**Break**	
3	10:00 – 11:00	**Use of 3D Seismic Waveform Tomography with SPT-Source for Geotechnical Site Characterization**	Dr. Khiem Tran
4	11:00 – 11:30	Residual Stresses in Florida Bored Piles	Drs. Mike Rodgers & Scott Wasman
5	11:30 – 12:00	Validation and Update of the Sinkhole Index	Drs. Nick Chen & Ryan Shamet

Segment 1 maximum PDH = 3.00 hours

Segment 2: August 14, 2025 (Afternoon Session)			
No.	**Time**	**Title**	**Presenter(s)**
1	1:15 – 2:15	**Relaxation of Driven Piles in Florida Soils**	Dr. Gray Mullins
2	2:15 – 2:30	*Effects of Downdrag on Pile Performance, Phase II Pilot Study*	Dr. Gray Mullins
3	2:30 – 3:30	**Using the PENCEL PMT to Evaluate Shallow Foundations at Florida's Fine Sand Sites**	Dr. Paul Cosentino
	3:30 – 3:45	**Break**	
4	3:45 – 4:15	Drilled Shaft Imaging with 2D Ultrasonic Waveform Tomography	Dr. Khiem Tran
5	4:15 – 4:45	Implementation of Shallow Foundations on Florida Limestone in FB-MultiPier	Drs. Mike Rodgers & Scott Wasman

Segment 2 maximum PDH = 3.00 hours

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Segment 3: August 15, 2025 (Morning Session)			
No.	**Time**	**Title**	**Presenter(s)**
1	8:30 – 9:30	**Vibrations and Ground Deformations due to Road Compaction**	Dr. Luis Arboleda
2	9:30 – 10:00	Measuring While Drilling (MWD) in Florida Soils for Geotechnical Site Characterization	Dr. Mike Rodgers
	10:00 – 10:15	**Break**	
3	10:15 – 10:30	*Measuring Rebound and Evaluating Pile Resistance During Installation using Ultra-High Speed/Resolution Photogrammetry*	Dr. Luis Arboleda
4	10:30 – 11:00	Effect of Spacing on Axial Resistance of Augercast Pile Foundations	Dr. Luis Arboleda
5	11:00– 12:00	**Determination of in-situ Rock Density and Strength with SH-Love Wave Tomography**	Dr. Khiem Tran

Segment 3 maximum PDH = 3.00 hours

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