

Agenda
for the
33rd Annual Geotechnical Research in Progress (GRIP) - 2020

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



Segment 1: August 4, 2020			
No.	Time	Title	Presenter(s)
	8:20 – 8:30	<i>Welcome</i>	
1	8:30 – 9:00	<i>Field Investigation of Downdrag on Concrete Piles in Sandy Soil</i>	Dr. Gray Mullins
2	9:00 – 10:00	<i>Quantifying Pile Rebound with Deflection Measuring Systems Best Suited for Florida Soils</i>	Dr. Paul Cosentino
3	10:00 – 10:30	<i>Underwater Noise Level Study During Impact Pile Driving</i>	Dr. Raphael Crowley
	10:30 – 10:45	Break	
4	10:45 – 11:45	<i>Evaluation of Self Consolidating Concrete and Class IV Concrete Flow in Drilled Shafts</i>	Dr. Gray Mullins
5	11:45 – 12:15	<i>Development of FDOT SERF and RETA Design Equations for Coastal Scour when a Single Vertical Pile is Subjected to Wave Attack</i>	Dr. Raphael Crowley

Agenda
for the
33rd Annual Geotechnical Research in Progress (GRIP) - 2020

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



Segment 2: August 20, 2020			
No.	Time	Title	Presenter(s)
	8:20 – 8:30	<i>Welcome</i>	
6	8:30 – 9:00	<i>Field Implementation of the Vertical In-situ Permeameter (VIP)</i>	Dr. Mike Rodgers
7	9:00 – 9:30	<i>Performance Testing of GRS Test Piers Constructed with Florida Aggregates – Axial Load Deformation Relationships</i>	Dr. Scott Wasman
8	9:30 – 10:00	<i>Field Load Testing of Florida Limestone</i>	Dr. Michael McVay
9	10:00 – 10:30	<i>Prediction Model of Vibration-Induced Settlement Due to Pile Driving</i>	Drs. Boo Nam & Luis Monsalve
	10:30 – 10:45	<i>Break</i>	
10	10:45 – 11:15	<i>Assessing Axial Capacities of Auger Cast Piles from Measuring While Drilling</i>	Drs. Mike Rodgers & Michael McVay
11	11:15 – 12:15	<i>Sinkhole Detection with 3-D Full Elastic Seismic Waveform Tomography</i>	Dr. Khiem Tran
12	12:15 – 12:45	<i>Comparison of SPT N-value with Alternative Field Test Methods in Determining Moduli for Settlement Predictions</i>	Drs. Manoj Chopra & Luis Monsalve

Agenda
for the
33rd Annual Geotechnical Research in Progress (GRIP) - 2020

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



Segment 3: August 27, 2020			
No.	Time	Title	Presenter(s)
	8:20 – 8:30	<i>Welcome</i>	
13	8:30 – 9:00	<i>Estimating Soil Pressure against Unyielding Surfaces</i>	Dr. Mike Rodgers
14	9:00 – 10:00	<i>Bearing Capacity Factors for Shallow Foundations Subject to Combined Lateral and Axial Loading</i>	Dr. Scott Wasman
15	10:00 – 10:45	<i>Development of GeoStat Software</i>	Dr. Michael Davidson
	10:45 – 11:00	Break	
16	11:00 – 11:45	<i>Implementation of Measuring While Drilling Shafts in Florida</i>	Drs. Mike Rodgers & Michael McVay
17	11:45 – 12:15	<i>Determining Bearing Resistance of Cantilever Sheet Piles</i>	Drs. Xiaoyu Song & Amirata Taghavi
18	12:15 – 12:45	<i>In-service Assessment of Road Sinkholes with 2D Ambient Noise Tomography</i>	Dr. Khiem Tran