

MS/AL Engineering Society Meeting

The Lodge at Gulf State Park, Gulf Shores, AL, June 13-16, 2021

Sponsored By: The Engineering Societies of Alabama & Mississippi

SUNDAY, JUNE 13, 2021		
1:00 PM—5:00 PM	EXHIBIT SET UP - Ballroom 1 Foyer	
2:30 PM—4:30 PM	REGISTRATION OPEN	
2:30 PM—4:00 PM	MES BOARD MEETING - Cypress Room	
4:00 PM— 4:30 PM	BREAK— ASPE & MES BOARD OF DIRECTORS	
4:30 PM - 6:00 PM	ASPE BOARD MEETING - Cypress Room	
MONDAY, JUNE 14, 2021		
7:00 AM—8:30 AM	BREAKFAST IN EXHIBIT HALL - Ballroom 1 Foyer & Dunes Terrace	
7:00 AM—4:30 PM	REGISTRATION & EXHIBIT HALL OPEN	
ROOM	Live Oaks Room	Ballroom 1
8:00 AM— 8:50 AM	You Can't Afford Not To... Rob Adamson, P.E. & Kevin Riggs, P.E., Tensar	Ground Penetrating Radar: Principals & Practical Applications Jack Morrisroe, Bhate Geosciences Corporation
9:00 AM— 9:50 AM	Roller Compacted Concrete (RCC) Shadrack Mboya, P.E., Cemex	Design and Installation of Precast Box Culvert Don Conrad, Jr., P.E., Forterra Pipe & Precast
10:00 AM— 10:30 AM	BREAK IN EXHIBIT HALL - Ballroom 1 Foyer	
10:30 AM—11:20 AM	Helical Pile Design Consideration and Applications in Existing Facilities Stephen A. Willis, P.E., TorcSill Foundations, LLC	Mitigation of Sub-Slab Vapors by Active Sub-Slab Depressurization at Contaminated Commercial & Industrial Sites Wesley Goodnight, EnSafe, Inc.
11:30 AM—1:00 PM	INSTALLATION LUNCHEON (Gulf view Ballroom 2)-LUNCH & LEARN PRESENTATION The Lodge, a LEED facility by Chandra Wright, The Lodge at Gulf State Park	
1:10 PM—2:00 PM	Helical Piles and Anchors for Marine Applications Christopher Menchaca, TorcSill Foundations, LLC	Pre-excavation cut slope cut remediation in karst landforms- Case Study Uday R. Bhate, P.E., Bhate Geosciences Corporation
2:10 PM—3:00 PM	Alabama's Erosion and Sediment Control Program Perry L. Oakes, P.E., AL Soil & Water Conservation	Engineering Resilient Infrastructure Harry D. Gong, Jr., P.E. F.NSPE, MS Dept. of Health
3:00 PM - 3:30 PM	BREAK IN EXHIBIT HALL - Ballroom 1 Foyer	
3:30 PM—4:20 PM	Traffic Solutions and the Future of Transportation Engineering Samantha Islam, PhD, EIT, Univ of South Alabama	Engineering in Construction Jesse Rutherford, P.E., CRAIG Construction

TUESDAY, JUNE 15, 2021

7:00 AM—8:30 AM

BREAKFAST IN EXHIBIT HALL - Ballroom 1 Foyer & Dunes Terrace

7:00 AM—11:30 AM

REGISTRATION & EXHIBIT HALL OPEN**ROOM****Live Oaks Room****Ballroom 1**

8:00 AM— 8:50 AM

A "B.A.D." Presentation— Another Way to Look at Erosion Control on a Construction Site
Perry L. Oakes, P.E., AL Soil & Water Conservation

Part 1
"7 Things You Should Know About Quality Assurance"
Danny Gierhart, P.E., Asphalt Institute

9:00 AM— 9:50 AM

Global Collapse: A Structural Evaluation of the Collapse of the WTC Building 7 on 9/11
Casey Pfeiffer, S. E., Pacific Coast Structural Engineering

Part 2
"7 Things You Should Know About Quality Assurance"
Danny Gierhart, P.E., Asphalt Institute

10:00 AM— 10:30 AM

BREAK IN EXHIBIT HALL - Ballroom 1 Foyer

10:30 AM—11:20 AM

Use of Accelerated Bridge Construction for the University Blvd Bridge over US-82 in Tuscaloosa, AL
Jack Kimbrough, P.E., Barge Design Solutions, Inc.
Kevin McAlister, P.E., Barge Design Solutions, Inc.

Overview of ASME BPVC SEC X – Fiberglass Reinforced Plastic Pressure Vessels
David Hamilton, P.E., Fluidrol Process Technologies, Inc.

Time 6:00PM-9:30PM

FUN NIGHT RECEPTION & DINNER- Dunes Terrace**WEDNESDAY, JUNE 16, 2021**

7:00 AM—8:30 AM

BREAKFAST IN EXHIBIT HALL - Ballroom 1 & Dunes Terrace

7:00 AM—10:00 AM

REGISTRATION & EXHIBIT HALL OPEN

7:00 AM—10:00 AM

ROOM**Ballroom 1**

8:00 AM— 8:50 AM

Mars is a Harsh Mistress (So is the Moon)
George Hamilton, P.E., F.NSPE, NASA

8:50 AM— 9:10 AM

BREAK IN EXHIBIT HALL - Ballroom 1 Foyer

9:10 AM— 10:00 AM

Ethics for Professional Engineers
Speaker TBD