



The Virginia Geo-Institute Chapter of ASCE  
presents

# 2023 DRIVEN PILE SHORT COURSE

June 8, 2023  
Smithfield, Virginia

[www.geovirginia.org](http://www.geovirginia.org)



## COURSE SUMMARY

The Virginia Geo-Institute Chapter of ASCE is committed to providing premier educational opportunities to the Civil Engineering communities that we serve. The Driven Piling Short Course represents that ethos and is a full day of comprehensive coverage of Driven Piling Design and Construction State of Practice.

This course is led by nationally and internationally recognized leaders in all aspects of Driven Piling design and construction. The course will cover Driven Piling fundamentals, materials, equipment, structural design, geotechnical design, testing, and new developments in the industry. This is an awesome opportunity that is not currently available anywhere else.

## PRICING:

Full Time Students and Professors	FREE
Everyone Else	\$400

*Full time student and professor status needs to be confirmed in order to be eligible for gratis registration.*



### Short Course Chair / Instructor

J. Brian Anderson, PhD, PE  
Professor  
Auburn University



### Instructor

Muhannad Suleiman, PhD  
Professor  
LeHigh University



### Instructor

Roger Failmezger, PE, F.ASCE  
President  
In-Situ Soil Testing



### Instructor

Paul Bullock, PhD, PE  
Chief Engineer  
Fugro

For information and registration link, visit:

[www.geovirginia.org](http://www.geovirginia.org)

[www.micropile.org](http://www.micropile.org)



## 2023 DRIVEN PILING SHORT COURSE PROGRAM

7:00-7:50AM	Continental Breakfast & Networking	
7:50-8:00	Welcome & Speaker Introduction	Roger Failmezger, PE, F.ASCE
8:00-9:15	Introduction to Driven Piles – Fundamentals & Applications	Muhannad Suleiman, PhD
9:15-10:00	Driven Pile Types	J. Brian Anderson, PhD, PE
10:00-10:15	Break	
10:15-10:45	Pile Driving Equipment	J. Brian Anderson, PhD, PE
10:45-11:45	Driven Pile Design – State of Practice (Part 1) Private Work	Muhannad Suleiman, PhD
11:15-12:00	Driven Pile Capacity using LCPC Method	Roger Failmezger, PE, F.ASCE
12:00-1:00	Lunch & Networking	
1:00-2:00	Driven Pile Design – State of Practice (Part 2) Public Work	Muhannad Suleiman, PhD
2:00-2:30	Designing for Lateral Loads	J. Brian Anderson, PhD, PE
2:30-2:45	Break	
2:45-3:15	Pile Drivability & Wave Equation Analysis	Paul Bullock, PhD, PE
3:15-3:30	Dynamic Pile Testing	Paul Bullock, PhD, PE
3:30-4:00	Design Workshop / Software	J. Brian Anderson, PhD, PE
4:00-4:15	Driven Pile Industry Organizations & Resources	J. Brian Anderson, PhD, PE
4:15-5:00	Q&A Discussion Panel	All Instructors

Program subject to modification

### EVENT LOCATION

Smithfield Center  
220 N. Church Street, Smithfield, VA 23430  
(757) 356-9939

Ample free parking on site

### LODGING OPTIONS (Lodging is NOT included in registration)

Below are some local lodging options with contact information.

Smithfield Station – Smithfield, VA  
(757) 357-7700 [www.smithfieldstation.com](http://www.smithfieldstation.com)

Smithfield Inn – Smithfield, VA  
(757) 357-1752 [www.smithfieldinn.net](http://www.smithfieldinn.net)

Hampton Inn – Smithfield, VA  
(757) 365-4760 [www.hamptoninn.com](http://www.hamptoninn.com)

Visit  
[www.geovirginia.org](http://www.geovirginia.org)  
[www.micropile.org](http://www.micropile.org)  
for information updates and for registration link!

