

### The Virginia Geo-Institute Chapter of ASCE presents

# **2023 DRIVEN PILE SHORT COURSE**

## June 8, 2023 Smithfield, Virginia



#### **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 Everyone Else

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

FREE \$400

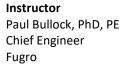








Instructor Roger Failmezger, PE, F.ASCE President In-Situ Soil Testing



For information and registration link, visit: www.geovirginia.org www.micropile.org

Auburn University Instructor Muhannad Suleiman, PhD

J. Brian Anderson, PhD, PE

Professor

Short Course Chair / Instructor

Professor LeHigh University



	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

Smithfield Inn – Smithfield, VA (757) 357-1752 www.smithfieldinn.net

Hampton Inn – Smithfield, VA (757) 365-4760 www.hamptoninn.com Visit <u>www.geovirginia.org</u> <u>www.micropile.org</u> for information updates and for registration link!

