



September 18, 2024

**Hilton Garden Inn
(Charleston Airport)
5265 International Blvd.
North Charleston, SC
843-308-9330**

**Registration Fee:
(Lunch Provided)
Members: \$200.00
Non-Members: \$250.00**

**Education Credits
6 PDH's**

**Registration:
www.aci-carolinas.org**

Last Day To Register: 9/12

ACI Carolinas Chapter Fall Seminar

Agenda

8:00am – 8:15am

Registration And Coffee

8:15am – 8:30am

Welcome & ACI Chapter Support

Edward Deaver, ACI Carolinas Chapter President

8:30am – 9:30am

Concrete Sustainability & Resilience

Dean Frank, ACI – Carbon Neutral Concrete

9:30am – 10:15am

Cement Status – What's On The Horizon

Edward Deaver, Holcim (US) Inc

10:15am – 10:30am

BREAK

10:30am – 11:00am

ASTM C-595 (1P & 1S)

Edward Deaver, Holcim (US) Inc

11:00am – 12:00pm

**New ACI Code 440.11-22: Building Code Req'd.
For Structural Concrete Reinforced With GFRP Bars**
Will Gold, American Concrete Institute

12:00pm – 1:00pm

LUNCH (Provided)

1:00pm – 2:00pm

GFRP Reinforced Concrete – Practical Examples
Will Gold, American Concrete Institute

2:00pm – 3:00pm

Placing & Finishing Low Carbon Concrete
Chad Hensley, Wayne Brothers Companies

3:00pm – 3:15pm

Closing Remarks

Glass Fiber Reinforced Polymer Bars (GFRP) is the future in reinforcement utilized in concrete, and everyone in the concrete business wants an update on the cement status. Your ACI Carolina's Chapter has assembled a nationally recognized group of experts instrumental in development and design of concrete's insight and impact of its use. Presentations will include discussion on GFRP design and application, ACI Code 440.11-22, updates on cements and their industry, sustainability and resilience in the accelerated world of concrete, and low carbon concrete factors and considerations. This seminar will benefit Owners, Engineers, Contractors, Material Suppliers, and others in the Concrete Industry. Sign up now via the chapter web page and join us for a day of education and discussion.

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Charleston, SC

Speaker Bio's

Dean Frank, P.E. (American Concrete Institute)

Dean Frank currently serves as the Executive Director of NEU: An ACI Center of Excellence for Carbon Neutral Concrete. He previously served as Principal / Consultant for Dean Frank Associates, LLC, Director of Quality & Sustainability Programs at the Precast/Prestressed Concrete Institute (PCI), and Director of Technical Services at the National Precast Concrete Association (NPCA). He has been an active member of related industry committees, including ACI, ASTM International, PCI, and the International Federation for Structural Concrete (FIB) for over 20-years. He obtained his MS degree in structural engineering from the University of Colorado at Boulder and is a registered Professional Engineer in Colorado and Indiana.

Chad Hensley, PE (Wayne Brothers, Inc.)

Chad Hensley is Executive Vice President of Business Management with Wayne Brothers Companies in Davidson, NC. He earned a Bachelor of Science degree in Civil Engineering-Construction Option from North Carolina State University in 1994. After Graduating, Chad worked as a Project Engineer, Estimator and Project Manager in the landfill construction industry at locations throughout the Southeast. Chad also spent time as a Project Manager with a highway contractor in the Raleigh area. In 1999, Chad joined Wayne Brothers as an Assistant Project Manager, and served the roles of Project Manager, Project Executive, and Vice President of Operations prior to his current role. In 2009 Chad acquired his Professional Engineering License in North Carolina. After 14 years as a Wayne Brothers employee, Chad became a partner with the firm in 2013. He is the Past President of the ACI Carolinas Chapter, the Secretary of ACI 305 Hot Weather Concreting, the current Chairman of the Construction Liaison Committee (CLC) and voting member of ACI 132 Responsibilities in Concrete Construction Committee, and an Associate Member of ACI 134 Constructability Committee.

William J. Gold, P.E., FACI (American Concrete Institute)

William Gold is a Senior Engineer at the American Concrete Institute. He has over 25 years of experience in the concrete and construction chemicals industry. His interests and expertise include structural engineering, FRP materials, concrete repair, and rehabilitation, and building envelopes. He holds a Bachelor's degree from the University of Kansas in Architectural Engineering and completed post-graduate work at Penn State University and the Missouri University of Science and Technology. Mr. Gold is former Chairman of ACI Committee 440 on FRP Reinforcement of Concrete Structures and is active in ASTM and the Canadian Standards Association. He is a registered Professional Engineer in the State of Ohio.

Edward Deaver (Holcim US Inc.)

Edward Deaver is a Technical Service Engineer for Holcim (US) Inc. He started his concrete career in 1979 at the Sharon Harris Nuclear Power Plant and has been a Technical Services Engineer for Holcim for the past 25 years. He is a Horary member of ASTM C01 and C09 and currently the Subcommittee Chair of C09.49 for Pervious Concrete. He is also the current president for the ACI-Carolinas Chapter, as well as the instructor for SCDOT Concrete Batching and Field Inspector certification classes at USC. He has also worked for SCDOT as the Assistant to the Structural Materials Engineer, Daniel Construction, Fluor Daniel, and Brown & Root. He has co-authored numerous articles in several industry magazines on alkali activated cementitious materials and the use of Nano Carbons, as an additive in concretes.