

2017 – 2018

BRANCH OFFICERS

PRESIDENT

John Catoe, P.E.
Site Design, Inc.
(864) 271-0496
jcatoe@sitedesign-inc.com

VICE PRESIDENT

Paul Christopher, PE
O'Neal, Inc.
(864) 298-2229
pchristopher@onealinc.com

SECRETARY

Luis Gonzalez, PE
Wurster Engineering and
Construction, Inc.
(864) 704-2127
luis.gonzalez@wursterinc.com

TREASURER

Joseph Dyches
Site Design, Inc.
(864) 271-0496
josephd@sitedesign-inc.com

OUTREACH CHAIRS

BRIDGE CHAIR
Chrissy Gernon
Fluor Corporation
Christine.Gernon@fluor.com

YOUNGER MEMBER CHAIR

Tatiana Dib, E.I.T.
HDR
(864) 631-0426
tatiana.dib@hdrinc.com

WEBSITE

Stephanie Gates, P.E.
Site Design, Inc.
(864) 271-0496
sgates@sitedesign-inc.com

DIRECTOR

Paul F. Mills, P.E.
Site Design, Inc.
(864) 271-0496
pmills@sitedesign-inc.com

ASCE NATIONAL

1-800-548-2723 (Phone)
<http://www.asce.org> (Web Site)
member@asce.org (E-Mail)

MEETING NOTICE

Featuring:

Strengthening Structures using Externally Bonded Composite Systems

Presented by:

Kevin Davenport, P.E.

DATE: Tuesday, August 28, 2018
TIME: Presentation 11:30 AM – 1:00 PM**

LOCATION: SCDOT
4th Floor Conference Room
252 S. PLEASANTBURG DR.
GREENVILLE, SC 29607

[SC DOT DIRECTIONS](#)

COST: \$10 for members, \$15.00 for nonmembers (Cash is preferred, but checks and credit cards will be accepted at the door as well. There will be a small upcharge for credit and debit cards due to processing fees)
(Lunch will be provided.)

DIRECTIONS: See page 2 for directions to the SC DOT

****Engineers receive 1 PDH for their attendance.**

Reservations are required by 4 pm on the day prior to the meeting to reserve a lunch. Guests are welcome without reservations however, **lunch cannot be guaranteed and you are asked to wait until all registered attendees have received a lunch.**

We will now be accepting RSVP's only on our website. Please click the link www.asceupstate.com and fill in the needed information. We are hoping this streamlines the registration and day of sign-in process.

Please forward to coworkers for individual registration. We no longer accept guest registrations.

In an attempt to cut down on extra lunches and the cost associated with them, we will be implementing a \$10 charge to no-shows to cover the cost. If you RSVP and then have to cancel, kindly provide 24 hours' notice.

Directions to SC Department of Transportation

The meeting will be held at the SC DOT building in the 4th floor conference room. The building is the old Sistine 252 building for those who remember.

Directions from Interstate 385:

From Interstate 385, exit onto Pleasantburg Drive (Exit #40B). The entrance to SCDOT building is 1.7 miles south and on the right.

[SCDOT Directions](#)

Presentation Information

Topic: Strengthening Structures using Externally Bonded Composite Systems (FRP and FRCM)

On occasion engineers find the need to increase the capacity of an existing structure. Whether that structure is comprised of concrete and/or masonry members, there are various techniques available to increase the individual member capacity and overall capacity of the structure. While it's been available as an option for strengthening structures for over 30 years, externally bonded Fiber-Reinforced Polymer (FRP) is still considered a relatively new strengthening option when compared to traditional strengthening techniques. In addition, even more recent comes the introduction of Fabric-Reinforced Cementitious Matrix (FRCM) systems as strengthening options. This presentation will provide a high level overview of FRP and FRCM and several other things to consider when strengthening using these systems such as: common applications where they are used, design & detailing consideration, and some limitations of these systems.

Presenter: Kevin Davenport, P.E. is the Field Engineering Manager for the Simpson Strong-Tie's Southeast operations. Kevin received his Bachelor of Science and Master of Science Degrees in Civil Engineering (with emphasis in Structural Engineering) from Clemson University. Prior to joining Simpson Strong-Ti, he practiced for 5 years as a structural engineer for Walter P Moore & Associates in Atlanta, GA. In addition to managing the Southeast US Field Engineering team, Kevin is also responsible for providing technical support and training to engineers on Simpson's products related to concrete and masonry construction projects.

2018 ASCE UPSTATE CALENDAR OF EVENTS

September 25 – ASCE Upstate monthly meeting

If you know someone who would be interested in presenting at a L&L, please email ASCE upstate at asceupstate@gmail.com

Remember that ASCE members can receive free PDH hours online, up to five per year.
<https://secure.asce.org/ASCEWebsite/Benefits/Membership/FreeOnDemandWebinars.aspx>

**If you have a job opening or civil engineering news you would like to post in the newsletter you may send them to Asceupstate@gmail.com
Please send your postings by the first of the month.**