

The Connecticut Chapter of the American Society of Landscape Architects presents:

# Concrete 202

A continuing education program for landscape architects, architects, engineers, landscape contractors, and anyone involved in hardscapes

**Date:** Thursday, October 22, 2015

**Location:** [The Lyceum Conference Center](#)

**Address:** 227 Lawrence Street, Hartford, CT



Program registered with LA CES for 4.5 PDH/HSW and AIA-CES for 4.5 LU/HSW

(Note: Because of continuing education guidelines, participants must complete the entire training to receive a Certificate of Completion.)

Cost: \$95 Member of ASLA, AIA, CNLA, RINLA, ACEC, CSCE

\$125 Non-members / \$35 Full-time students (with ID)

*Includes continental breakfast and lunch*

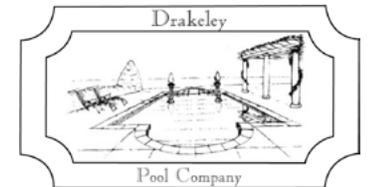
[REGISTER ONLINE](#) OR complete the form below and mail back with payment by Monday, October 19. Questions? Contact Jeff Mills at [executivedirector@ctasla.org](mailto:executivedirector@ctasla.org) or (860) 454-8922.

## LEARN ABOUT...

- Concrete Reinforcement, Jointing and Testing
- Concrete Repair and Restoration
- Stone Liners, Stamping and Imprinting
- Designing With Colored Concrete
- Sprayed Concrete as a Structural and Aesthetic Tool
- Environment and Concrete — New Advances
- PLUS: Raffle Prizes!

See the following pages for [course descriptions](#) and [bios](#) of our speakers.

**THANK YOU**  
to our  
**EVENT**  
**SPONSOR!**



## REGISTRATION FORM

[Register online](#) with your credit card or complete this form and return with your check (payable to "CTASLA") and mail to:

CTASLA  
c/o J.M. Communications  
35-31 Talcottville Road, Ste. 318  
Vernon, CT 06066

**Deadline: Monday, October 19**

(Note: no refunds after 10/19)

Name: \_\_\_\_\_

ASLA or AIA Member Number (if applicable): \_\_\_\_\_

Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Email Address: \_\_\_\_\_

\_\_\_ Member(s) attending @ \$95 each = \$ \_\_\_\_\_ total

\_\_\_ Non-Member(s) attending @ \$125 each = \$ \_\_\_\_\_ total

\_\_\_ Full-time student(s) with ID @ \$35 each = \$ \_\_\_\_\_ total

**Schedule:**

**8:15-8:55 a.m. Registration / Exhibitors**

**8:55-9:00 Introductions**

**9:00-9:45 Concrete Reinforcement, Jointing & Testing**

*Presenter: Douglas O'Neill, LEED AP, National Ready Mixed Concrete Association*

This session will provide attendees with the basic understanding of what concrete is and how it works. The issue of cracking will be discussed with special attention paid to reinforcement options and proper jointing procedures. We will conclude with a review of the testing methods associated with quality concrete.

**9:45-10:30 Concrete Repair and Restoration**

*Presenter: Todd Wardwell, BASF*

This presentation will help identify why concrete failure occurs and how to properly choose the correct repair product and method. Proper preparation and installation of repair products will be demonstrated in various applications.

**10:30-10:50 Break / Exhibitors**

**10:50-11:30 When Plain Won't Do: Stone Liners, Stamping & Imprinting**

*Presenter: Tom Lockwood, Connecticut Bomanite Systems, Inc. and Concrete Rock Surfaces LLC*

This module will explain how and why the natural stone form liner was developed for bridges and retaining walls and show how important the staining process is to these products. Various applications on state and municipal projects will help illustrate these products. This module will also discuss the process of stamped or imprinted concrete and demonstrate its application in various residential and commercial jobs in the northeast.

**11:30-12:10 Designing With Colored Concrete**

*Presenter: Dan Whitaker, Butterfield Color, Inc.*

This module will describe the common methods of coloring new and existing concrete, which will allow a landscape architect to select the correct system to match the aesthetics and function of the design. Factors affecting color quality and proper installation techniques will be discussed and demonstrated with project photos.

**12:10-12:15 Announcements & Raffle Prizes**

**12:15-1:00 Lunch / Exhibitors**

**1:00-1:45 Sprayed Concrete as a Structural and Aesthetic Tool**

*Presenter: Bill Drakeley, Drakeley Pool Company*

Sprayed concrete (known as shotcrete or guniting) is a versatile and sustainable method for applying concrete in numerous situations. This session will explore the different uses of shotcrete — comparing and contrasting with poured concrete applications — and take a close look at the specification/execution requirements for a successful shotcrete installation.

**1:45-2:45 Environment and Concrete — New Advances**

*Presenter: Douglas O'Neill, LEED AP, National Ready Mixed Concrete Association*

This session will cover where concrete fits in with the new LEED v4, along with a detailed look at the industry's efforts to provide EPDs and responsible sourcing information. An overview of some of the advances in concrete technology will round out the session.

**2:45-3:00 Evaluation Forms, Raffle Prizes & Certificates of Completion**

## About Our Speakers:



**Doug O'Neill** has been in the cement/concrete industries for the past 23 years and is currently Senior Director-National Resources at the National Ready Mixed Concrete Association (NRMCA) and is a LEED AP. Doug's focus is on assisting NRMCA members and partners with building market share for concrete paving in the Northern region of the U.S. by educating designers, owners, and developers on the proper design and construction of concrete parking lots and local streets and roads.



**Todd Wardwell** has been with BASF Construction Systems for eight years. He specializes in working with specifiers and contractors in choosing the correct product, and ensuring the proper preparation and installation for each application, in the restoration of concrete structures.



**Tom Lockwood** established Connecticut Bomanite Systems, Inc. in 1984, introducing decorative architectural imprinted concrete that imitates natural stone to the east coast. Since that time, CBS has installed hundreds of thousands of square feet of imprinted concrete throughout western Connecticut and parts of New York in a wide range of applications and settings for decorative courtyards, terraces, sidewalks, plazas, pool decks, driveways, and more. Tom also founded Concrete Rock Surfaces, LLC, which provides form liners and a stone coloration staining process.



**Dan Whitaker** is the Northeastern regional manager for Butterfield Color Inc., headquartered in Aurora, IL, where he supervises distribution from Maine to South Carolina. Dan is known for his ability to demonstrate proper decorative concrete techniques, solving difficult technical issues, and offering guidance to design professionals.



**Bill Drakeley**, principal of Drakeley Industries, is an award-winning builder and consultant specializing in concrete science and construction, particularly shotcrete applications, techniques, and standards, with over 25 years of experience in shotcrete installation. Principal and founder of Drakeley Pool Company, a luxury design/build firm serving CT, NY, and MA, Bill is the first and only swimming pool builder to sit as a Voting Member of the American Concrete Institute's (ACI) Committee 506 Shotcrete. Bill is also the rising President of the American Shotcrete Association (ASA) and the Chairman of the ASA's Pool and Recreational Shotcrete Committee. Bill's technical writings have been widely published in trade magazines and bulletins.