



**CIB  
EDUCATIONAL  
SEMINAR**

**Concrete Industry Board Morning Educational Seminar  
Thursday, December 7, 2017 9AM – 12PM Doors open at 8:30AM**

**Topic: Improving concrete performance through proper aggregate selection**

As high quality aggregates become even more scarce in this area, it is even more important to pay careful attention to blending of aggregates.

Simply specifying a commercially available stone size from ASTM C33, such as a No. 57, No. 67 or No. 8 will not produce the optimum mix. However, properly blending these available stone sizes will. This seminar will present methods and specifications for maximizing stone volume in a concrete mix. The end-result is a mix that is workable and has a low potential for shrinkage.

We have contractors, material suppliers and concrete producers who will share their experiences in blending aggregates for the stated reasons. The theory on how to properly blend aggregates will also be given.

This seminar should be attended by engineers, contractors, concrete suppliers who want to produce more workable mixes and reduce shrinkage cracking.

**Learning objectives are blending aggregates to produce a more durable, workable and high strength concrete.**

**Location: New York Athletic Club, 59<sup>th</sup> & 7<sup>th</sup> Avenue – 180 Central Park South**

**Moderator:**

**Casimir Bognacki, PE, FACI** is Chief of Materials Testing – Port Authority of New York & New Jersey

**Speakers:**

**Tyler Ley, Ph.D., P.E.**

Dr. Tyler Ley is a Professor and the Gilbert, Cooper, W&W Chair of Civil and Environmental Engineering at Oklahoma State University. He has more than 17 years of experience in the fields of cement based materials. He has worked as an engineer with a design consultant, construction contractor, government agency, and as a professor. This practical experience has elevated both his teaching and research.

His research focuses on studying the durability and constructability of cement based materials. His research has developed national and state specifications, test methods, and policy changes. He is a fellow of the American Concrete Institute and the American Ceramic Society and has received several awards including the NSF Career Award, the ACI Faculty Achievement Award, ACPA Marin J. Knutson Award, and the Regents Research Award from Oklahoma State University.

**Shane Buchanan**

Shane Buchanan is a Performance Manager with Oldcastle Materials. Oldcastle Materials is the #1 supplier of Building Materials and Products in North America. Prior to joining Oldcastle, he held various positions with Vulcan Materials Company, Mississippi State University, and the National Center for Asphalt Technology. Shane holds a Bachelor of Science degree from Mississippi State University and Master of Science and Doctorate degrees from Auburn University. Shane is a registered Professional Engineer in Alabama.

**D. Thomas Ruttura**

President Ruttura & Sons Construction Co. Inc. Tommy Ruttura has been working in the concrete industry since high school. He is an active member in the Long Island Concrete Contractors Association and the American Concrete Institute. He has received many awards from his peers for his contributions to the concrete industry.

**Raul Herrera**

Laboratory Director US Concrete. Raul Herrera has been testing and batching concrete for almost 20 years, and has developed concrete mixes for many challenging projects. He has numerous certifications from ACI and the NRMCA

**3 Professional Development Hours Accredited (PDH) - HOT AMERICAN BREAKFAST**

**Reservation deadline: 12/1/2017**

**Reservations not cancelled by 12/1/2017 will be billed.**

**\$65 Members** with payment received by 12/1/2017

**\$70 Nonmembers** with payment received by 12/1/2017

**\$75** No admittance without payment @ the door (seating not guaranteed)

**\$200** (to sponsor educational seminar)

**Business attire required (Jacket & Tie/ No Jeans & sneakers)**

No. of reservations: \_\_\_\_\_ Names of those attending

YourName \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

E-Mail \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_ Fax

(\_\_\_\_) \_\_\_\_\_  Please contact us about

sponsoring this seminar.

Name \_\_\_\_\_ (phone) \_\_\_\_\_

**Make check payable and mail to: Concrete Industry**

**Board, Inc. 119-42 80th Road Kew Gardens, NY 11415-1106**

**Tel 718-459-4900 Fax 718-459-4890**

**Save these dates**

**January 17, 2018 Seminar  
@ NY Athletic Club**

**February 21, 2018 Seminar  
@ NY Athletic Club**

**March 21, 2018 Seminar  
@ NY Athletic Club**

**April 18, 2018 Seminar  
@ NY Athletic Club**

**SPEAKERS**

**Tyler Ley, Ph.D., P.E.**

Professor @

Oklahoma State University

**Shane Buchanan**

Performance Manager

Tilcon, New York, Inc.

**D. Thomas Ruttura**

President

Ruttura and Sons  
Construction Co. Inc.

**Raul Herrera**

Laboratory Director

US Concrete

**PANEL DISCUSSION**

**Q/A - The last 30 minutes**

You can also register  
through our website @  
**WWW.CIBOFNYC.ORG**

