



# SEAoAL 7th Annual State Conference & Expo

## *It's All About CONCRETE*

### THURSDAY, AUGUST 3, 2017

TOTAL OF 6.5 PDHS (APPROVED IN AL & FL)

8:00 a.m. — 8:15 a.m.	Registration and Expo
8:15 a.m. — 9:15 a.m.	The Practicing Engineer's Guide to Designing by Strut and Tie Method (ACI 318-14) – Larry Novak
9:15 a.m. — 10:15 a.m.	Economical Design of Concrete Buildings – Larry Novak
10:15 a.m. — 10:30 a.m.	Morning Break and Expo
10:30 a.m. — 11:30 a.m.	Best Practices for Design of Concrete Floors – George Garber
11:30 a.m. – 12:30 p.m.	Awards Ceremony, Lunch, Business Meeting and Expo ( <b>Sponsored by Parrot Structural Services</b> )
12:30 p.m. — 1:30 p.m.	Developing Floor Flatness Specs that Work for the Contractor and Owner – George Garber
1:30 p.m. — 1:45 p.m.	Afternoon Break and Expo
1:45 p.m. — 2:45 p.m.	21st Century Mix Designs – Wayne Wilson
2:45 p.m. — 3:00 p.m.	Afternoon Break and Expo
3:00 p.m. — 4:30 p.m.	Round Table Discussion on Current Engineering Specifications vs. Current Ready Mix Industry Practices – Dave Mandel, Bobby Dowdy, Bo Canning

**Larry Novak** – Larry Novak is the Senior Director of Structural Engineering & Codes for the Portland Cement Association. Prior to joining PCA, he was an Associate Partner with Skidmore, Owings & Merrill where he served as the lead structural engineer for the Burj Khalifa, the world's tallest building. Novak serves on several technical committees, including the ACI 318 Code committee and the ACI 130 committee on Sustainability of Concrete. He has served as Director on the governing board for organizations including SEAoI, TCA and the Illinois Engineering Hall of Fame. He was selected as the "Centennial Lecturer" in engineering and was named the "Citizen Engineer of the Year" by the Illinois Chapter of ASCE. In 2010, he was selected as the ACI "Educational Speaker of the Year" and in 2017 he was bestowed the ACI "Educational Award" for his contributions to the industry.

**George Garber** – George Garber is a concrete slab consultant based in Lexington, KY. George is recognized as one of the leading consultants in the world on concrete floors and floor flatness and level issues. George served on the team that developed the "dipstick," the first tool available to test floor flatness. George is also an author of four books, Design and Construction of Concrete Floors, Backroad Bicycling in Kentucky's Bluegrass, Concrete Flatwork for Homeowners and Contractors, and Paving with Pervious Concrete.

**Wayne Wilson, P.E.** – Wayne is a Senior Technical Service Engineer with Holcim Cement responsible for Marketing Quality & Technical Support for Portland Cement and Slag Cement sales in the southeastern US. He has over 30 years experience in the construction materials testing and analysis field. He is an experienced concrete petrographer and has investigated concrete and cement performance problems throughout the world. He graduated with a degree in Civil Engineering Technology from Southern Polytechnic State University in 1987; is a Registered Professional Engineer in Georgia, Alabama, North Carolina & South Carolina; is a member of ASTM Committees: C01 on Cement, C09 on Concrete & Aggregates, C12 on Masonry and C15 on Masonry Units; he serves on three ACI Committees: 231 Early-Age Properties, C610 Concrete Field Technician Certification & C630 Concrete Inspector Certification. He is a Past-President of The Georgia ACI Chapter and currently serves as the Chairmen of their Certification and Accreditation Board.

**Dave Mandel** – Dave Mandel serves as the technical director for Sequatchie Concrete with operations stretching across TN and AL. Dave has spent the past 14 years in the ready mix industry. Prior to joining the concrete industry, Dave spent 25 years working for geotechnical and testing firms assisting ready mix companies with quality control and mix design.

**Bobby Dowdy** – Bobby Dowdy serves as the Regional Quality Assurance Manager for Bayou Concrete. He has been with the company for the past 25 years. In this capacity, Bobby is responsible for quality control, troubleshooting and mix design submittals for the company. He has been involved with several of the most notable projects in state. He has been involved with several of the most notable projects in state including TK and the RSA Tower in Mobile which is the states tallest building.

**Bo Canning** – Bo Canning is responsible for quality control and mix designs for Kirkpatrick Concrete. Bo has over 30 years of concrete experience not only from the ready mix industry but his early career at Thompson Engineering. Bo is a graduate of Georgia Southern University.

# REGISTRATION FORM

Please print legibly. Companies with multiple attendees, please fill out a form for each person.  
No refunds will be given after July 27th

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

Zip \_\_\_\_\_

Email \_\_\_\_\_

Phone \_\_\_\_\_

Cell \_\_\_\_\_

## **Registration received by Thursday, July 27, 2017**

- SEA Member      \$ 195 X \_\_\_\_\_ = \$ \_\_\_\_\_
- Non Member      \$ 235 X \_\_\_\_\_ = \$ \_\_\_\_\_
- Exhibitor      \$ 130 X \_\_\_\_\_ = \$ \_\_\_\_\_



## **Late Registration: July 28 - August 2, 2017**

- SEA Member      \$ 205 X \_\_\_\_\_ = \$ \_\_\_\_\_
- Non Member      \$ 250 X \_\_\_\_\_ = \$ \_\_\_\_\_
- Exhibitor      \$ 155 X \_\_\_\_\_ = \$ \_\_\_\_\_

Registration includes breakfast, lunch, snacks, coffee bar and expo hall.

## **To join SEAoAL**

### SEAoAL Membership Registration

- Professional      \$ 95 X \_\_\_\_\_ = \$ \_\_\_\_\_
- Associate      \$ 40 X \_\_\_\_\_ = \$ \_\_\_\_\_
- Student      \$ 25 X \_\_\_\_\_ = \$ \_\_\_\_\_
- Affiliate      \$150 X \_\_\_\_\_ = \$ \_\_\_\_\_

TOTAL: \$ \_\_\_\_\_

SEAoAL membership is open to all structural engineers and companies affiliated with the structural engineering profession. For more information about SEAoAL membership (professional, associate, student, retired or affiliate), please contact Rhea Williams, Executive Director, at 205-601-2345 or by email at [rhea@karmamanagementinc.com](mailto:rhea@karmamanagementinc.com)

**If paying by check, make checks payable to:**

**SEAoAL**

Mail check and registration form to:

**Structural Engineers Association of Alabama  
P.O. Box 660584  
Birmingham, AL 35266-0584**

**Email registrations to:  
[rhea@karmamanagementinc.com](mailto:rhea@karmamanagementinc.com)**

**Rhea Williams  
Executive Director, SEAoAL**

## **SEMINAR LOCATION**

### **Pelham Civic Center**

500 Amphitheater Road  
Pelham, AL 35124  
205-620-6448  
[www.pelhamciviccomplex.org](http://www.pelhamciviccomplex.org)

## **HOTEL BLOCK INFORMATION**

**Holiday Inn Express & Suites Pelham**  
260 Cahaba Valley Road, Pelham, AL 35124  
205-504-3099  
Ask for SEAoAL State Conference & Expo for  
a special rate of \$99!