

American Council of Engineering Companies of Tennessee
American Society of Civil Engineers, TN Section
Tennessee Structural Engineering Association
Tennessee Society of Professional Engineers

TENNESSEE ENGINEERS' CONFERENCE | SEPTEMBER 27-29, 2017

TENNESSEE ENGINEERS'

CONFERENCE
SEPTEMBER 27-29, 2017 | MUSIC CITY CENTER, NASHVILLE

TENNESSEE ENGINEERS

IMPROVING LIVES

ACEC, ASCE, TNSEA AND TSPE WILL COMBINE AGAIN FOR THE 2017 TN ENGINEERS' CONFERENCE FOR THE PREMIER GATHERING FOR ENGINEERING PROFESSIONALS.

• New this year!

- Additional Education Track
 - All meals & events will be held in the Exhibit Hall
 - All meals are included in price of registration
- More Colleagues to connect with and leaders from around the state who share similar interests and unique perspectives to participate in and establish lasting professional relationships.
- Even more content—Explore the program developed by your peers and sort by speakers, and relevant interest areas to find what you need.
- The best speakers—hear from industry and association experts to expand awareness of challenges across the engineering landscape and identify opportunities to affect change.
- The best solutions—see the newest technology innovations in the exhibit hall from companies showcasing their products and services.

Join us for:

- Up to 12 PDHs
- Wednesday Evening Social
- TEF Luncheon
- Welcome Reception
- Awards
- Leadership PE Graduation



Music City Center

201 5th Avenue South
Nashville, TN 37203

Room Reservations:

Hyatt Place Downtown
615-687-9995

Reference: 2017 Engineers' Conference

Deadline for group rate – August 29



ACEC-ASCE-TNSEA-TSPE - 2017 TN ENGINEERS' CONFERENCE - REGISTRATION FORM

Name _____ Nickname/First Name for Badge _____

Employer _____

Names of Spouse/Guest _____

Address _____ City, State, Zip _____

Phone _____ Email _____

FULL REGISTRATION - SEPT 27TH - 29TH

TSPE-ACEC-ASCE-TNSEA Members *(includes all seminars, meals, and meetings, and luncheons)*

_____ \$325 Per Member thru August 11

_____ \$425 Ends on September 22

Non-Members

_____ \$425 Per Person thru August 11

_____ \$505 Ends on September 22

Government Employee Rate

_____ \$225 Per Person thru August 11

_____ \$305 Ends on September 22

SINGLE DAY REGISTRATION

Member (Single Day) Thursday Sept 28th Friday Sept 29th

_____ \$225 Day Registration thru August 11

_____ \$305 Ends on September 22

Non-Member (Single Day) Thursday Sept 28th Friday Sept 29th

_____ \$275 Day Registration thru August 11

_____ \$355 Ends on September 22

Government Employee (Single Day) Thursday Sept 28th Friday Sept 29th

_____ \$175 Day Registration thru August 11

_____ \$225 Ends on September 22

Registration after September 22th: Walk ups only - \$500 (Full) and \$350 (Single Day)

GUEST TICKETS FOR SPECIAL EVENTS

*Please indicate how many extra guests will attend the following events - Events below are included with paid registration:

_____ Wednesday Evening Social

_____ \$30 Breakfast/Plenary Session (Thursday)*

_____ \$75 TEF Luncheon (Thursday)*

_____ \$60 Welcome Reception (~~Friday~~* Thursday)

_____ \$45 Friday Luncheon*

_____ \$30 Breakfast/Awards (Friday)*

Name of Guest: _____ *Please list any dietary restrictions: _____

PAYMENT OPTIONS:

PAYMENT OPTIONS: The link to Registration is available at www.acectn.org or you may pay by check. Sponsorship and Exhibitor registration information is also available at www.acectn.org.

Please mail checks only to: ASCE, Tennessee Engineering Center, 800 Fort Negley Boulevard, Nashville, TN 37203

TEF Luncheon Tickets are included in Full Registration. For the TEF Sponsorship only, make checks payable to the TN Engineering Foundation (TEF). On-line Sponsorship, and Table reservation information for the TEF Luncheon is also available at www.acectn.org.

For the early registration discount, click the registration link provided at www.acectn.org or complete and mail this registration form with your check. All checks must be made payable to: ASCE, TN Section. Checks must be received in the TN Engineering Center office on Sept. 8th to receive the early bird discount. Questions? Please contact Judy Logue at (jlogue@tnec.org, 615-242-2486 or Helen Hennon at (hhennon@utk.edu, 865-607-1325).

Your room reservations MUST be made directly with the Hyatt Place, Nashville by August 29, 2017. Call (615) 687-9995 and provide "2017 Engineers Conference" for the ACEC-ASCE-TNSEA-TSPE room rate of \$229.00. Rate deadline is August 29th. We have negotiated a special discounted hotel room rate. Online reservations can be made at <http://tinyurl.com/15lafwn>.

PROFESSIONAL DEVELOPMENT PROGRAM*

WEDNESDAY, SEPTEMBER 27TH, 2017

4 - 6 pm - **Early Registration, Exhibitor Set-Up**

5 - 8:30 pm - **Opening Session Social Co-Sponsored by Forterra Pipe & Precast**

THURSDAY, SEPTEMBER 28TH, 2017

Breakfast & Plenary Session

Education Tracks

Tennessee Engineering Foundation Luncheon
(tickets included in meeting registration)

Keynote Speaker, Mike Keith, "Voice of the Titans"

Education Tracks

Welcome Reception and TSPE PAC Auction

Sponsored by Crow Friedman Group a Risk Strategies Company

FRIDAY, SEPTEMBER 29TH, 2017

Breakfast

Education Tracks

Friday Luncheon

TDOT Update

Student Session & Competition

POTENTIAL EDUCATIONAL TRACK TOPICS

CIVIL/ENVIRONMENTAL TRACK:

- "One Water" = Water Reuse and Integrated Water Management
- Can Bugholes Be Evaluated Objectively on Off-the-form Concrete Surfaces
- In-Situ Chemical Oxidation of Ethanol in Groundwater - Reducing Ethanol Without Producing Methane
- Potential for Compensatory Mitigation through Integrated Urban Stream Restoration and Stormwater Management
- Chattanooga WPA - Innovative Solutions for Rehabilitation Plan Development
- City of Oak Ridge Equalization Basin Design Challenges
- Design of Universal Membrane Water Filtration Systems
- The Reality of Green Infrastructure
- Alcoa Duck Pond Walking and Biking Path: The Evolution of a Project

ENGINEERING MANAGEMENT TRACK:

- Engineering Practice in the Midst of Changing Federal Rules & Regulations
- "Whew - Glad That Project is Over! (Or Is It?): Avoiding Costly Project Closeout Mistakes"
- Social Media
- QBS case studies
- 2017 AIA Contract Changes
- Tennessee Has Talent! (EEA Tips)
- Reducing Information Risk: Lessons learned from recent construction legal tangles
- Finding and Protecting "Keepers" when fishing for Talent

ELECTRICAL, MECHANICAL & INDUSTRIAL TRACK:

- Vicksburg 115kV Improvement Project
- Misawa (Japan) Air Force Base Microgrid Concept Design
- Updates to the Fire Protection Code - NFPA 70E
- TVA's Energy Right Solutions Program

STRUCTURAL TRACK:

- The Benefits of LRFD over ASD Masonry Design
- Stiffness Reduction Within the Direct Analysis Method—Composite Design
- 3D Printing with Cementitious Materials
- Structural Health Monitoring
- Bridge Investigation at State Fairgrounds
- Prestressed Concrete: the good, the bad, and the ugly"
- NCSEA publication on Serviceability
- TNSAVE initiative - Training for Emergency Response

GEOTECHNICAL TRACK:

- Tennessee State Capitol Connector Tunnel
- Pile design and load testing
- Liquefaction Mitigation using driven piles
- Numerical modeling techniques for geotechnical design
- TDOT Fast-Fix design and construction
- Pile foundation performance on integral abutment bridges
- Major Sinkhole repair in East Tennessee
- Full depth reclamation for subgrade improvement
- Remedial grouting at Chickamauga Lock
- Chemical Modification of Soils
- Foundation Optimization of Atlanta Braves Mixed-Use Complex
- Automated Instrumentation
- Use of resistivity and seismic methods for HDD projects
- Mosul Dam

TRANSPORTATION TRACK:

- Connected and Autonomous Vehicle Technology Update
- 3D Design
- Missing Line: Section E of the Foothills Parkway
- A Better Honky Tonk Sidewalk
- Innovative Applications in Bicycle Facility Design - Southern Style
- I-124 in Chattanooga
- I-240 @ Poplar CMGC
- SR 299 Bridge Slide in

*Note - Topics, date and times are subject to change. This is a preliminary schedule for educational topic purposes only and DOES NOT guarantee any day for topics listed above. A more definite schedule with date and time details will be listed at www.acectn.org for professional development soon.

TEF Luncheon

Support the Tennessee Engineering Foundation by checking the sponsorship level of your choice listed below.

Please return this form to Judy Logue:

email: jlogue@tnec.org | fax: (615) 254-1923

- Bronze: \$350**
(includes one ticket to luncheon)
- Silver: \$700**
(includes two tickets to luncheon)
- Gold: \$1,250**
(includes four tickets to luncheon)

LUNCHEON REGISTRATION

- Tickets: \$75**
*(** TEF ticket included in full conference registration)*
- Table: \$850**
(prime seating with company name on table)

All proceeds will be used to support future engineers through MATHCOUNTS, STEM-related activities and the TEF Scholarship Program. THANK YOU!

All donations are deductible to the fullest extent of the law. Please check with your accountant.

Name: _____

Company: _____

Address: _____

Phone: _____

Email: _____

*Please list any dietary restrictions:

**Please make all checks payable to the Tennessee Engineering Foundation (TEF). On-line Registration and sponsorship opportunities are available at <http://tinyurl.com/y94vmpx4>

TEF tickets/table orders and sponsorships may also be placed by contacting Judy Logue at jlogue@tnec.org, or call 615-242-2486.

DATE:

Thursday, September 28, 2017

TIME:

11:45 a.m.

SPEAKER:

Mike Keith

Voice of the Titans



LOCATION:

Music City Center
201 5th Avenue South
Nashville, TN 37203

Room Reservations:

Hyatt Place Hotel
301 3rd Avenue South
Nashville, TN 37201
1-615-687-9995



Tennessee Society of
Professional Engineers