

TENNESSEE ENGINEERS' CONFERENCE 2022 AGENDA

TIME / TRACK	TOPIC / SPEAKER(S)
MONDAY, SEPTEMBER 19, 2022	
7:30 am - 5:00 pm	Registration Open
8:00 am - 6:30 pm	Exhibit Hall Open
8:30 am - 10:00 am	PLENARY SESSION & ASCE AWARDS Hard Conversations: An Ethics Case Study in the Destructive Power of Conflict Avoidance and the Redemptive Power of Honesty Mike Yost & Aaron Mann - <i>Terracon</i>
10:00 am - 10:30 am	BREAK WITH EXHIBITORS
10:30 am - 11:20 am	PROFESSIONAL DEVELOPMENT - SESSION ONE
TRACK ONE: Engineering Management	Legal Landmines for Engineering Firms Practicing in Tennessee Dale Crow - <i>Risk Strategies</i> / David Garst - <i>Lewis Thomasson</i>
TRACK TWO: Civil & Environmental	TDEC Permitting Amendments Karina Bynum, PhD, PE - <i>TDEC</i> / Steve Casey, PE - <i>CPESC</i>
TRACK THREE: Transportation	Nashville DOT Update Diana Alarcon - <i>NDOT</i>
TRACK FOUR: Geotechnical	Soil Compaction - A Critical Component in the Construction of Roads, Embankments, and Foundations John Godfrey, PE - <i>ECS</i>
TRACK FIVE: Electrical, Mechanical & Industrial	Forensic Engineering McKenzie Roberts, PE, CFEI - <i>Engineering Consultants and Design, Inc.</i>
TRACK SIX: Students	TBD
11:25 am - 12:15 pm	PROFESSIONAL DEVELOPMENT - SESSION TWO
TRACK ONE: Engineering Management	Succession Planning Dan Ryan - <i>ryan partners</i>
TRACK TWO: Civil & Environmental	How to Get Your Drinking Water and Clean Water Construction Documents Approved More Quickly Angela Jones, PE - <i>TDEC</i>
TRACK THREE: Transportation	WeGo Update Steve Bland - <i>WeGo</i>
TRACK FOUR: Geotechnical	Tennessee Landslides and Cellular Grouting Reid Bailey and Sara Magallon - <i>GeoStabilization</i>
TRACK FIVE: Electrical, Mechanical & Industrial	Current Code Adoption Process Chris Bainbridge - <i>Tennessee State Fire Marshal's Office</i>

TRACK SIX: Students	TBD
12:15 pm - 1:30 pm	TEF LUNCHEON "A Little Bit More" Scott Turnbow, PhD - <i>Tennessee Valley Authority</i>
1:30 pm - 2:20 pm	PROFESSIONAL DEVELOPMENT - SESSION THREE
TRACK ONE: Engineering Management	Marketing Your Engineering Firm Deb Varallo - <i>Varallo Public Relations</i>
TRACK TWO: Civil & Environmental	Top 10 Ways to Reduce Concrete's Carbon Footprint Katie Poss, LEED AP BD+C, LFA - <i>National Ready Mixed Concrete Association</i>
TRACK THREE: Transportation	Update from TDOT Aeronautics Jay Norris, John Saalwaechter - <i>TDOT</i>
TRACK FOUR: Geotechnical	Graveyard Relocation Christopher Green - <i>Terracon</i>
TRACK FIVE: Electrical, Mechanical & Industrial	Rising Safety Concerns: Does the increase in electric vehicles and solar power systems present new electrical safety hazards? Tommy Northcott, PE, CRL, CMRP - <i>Jacobs-DC Systems</i>
TRACK SIX: Students	TBD
2:25 pm - 3:15 pm	PROFESSIONAL DEVELOPMENT - SESSION FOUR
TRACK ONE: Engineering Management	Leading Growth and Preventing Workplace Burnout Post-Pandemic Pete Atherton - <i>ActionsProve</i>
TRACK TWO: Civil & Environmental	TDEC Update Pat Flood, PE - <i>TDEC</i>
TRACK THREE: Transportation	Nashville International Airport Investments Traci Holton - <i>Metropolitan Airport Authority</i>
TRACK FOUR: Geotechnical	Geopier in Tennessee: Key Technologies and Project Applications Matthew Dorsey - <i>Geopier</i>
TRACK FIVE: Electrical, Mechanical & Industrial	High Performance Building Requirements Chris Byerly - <i>Office of the State Architect</i>
TRACK SIX: Students	TBD
3:15 pm - 3:45 pm	BREAK WITH EXHIBITORS
3:45 pm - 4:35 pm	PROFESSIONAL DEVELOPMENT - SESSION FIVE
TRACK ONE: Engineering Management	The Culture Advantage: How to Engineer a High Performance Culture in a Post-Covid Firm Jonathan Wilson - <i>Sandcastle Company</i>

TRACK TWO: Civil & Environmental	Project Visualization Andrew Poszich, PE - <i>RS&H</i>
TRACK THREE: Transportation	I-70 KC Corridor Improvement Study Stephen Edwards, PE - <i>TREKK Design Group</i>
TRACK FOUR: Geotechnical	What can the GI do for you? Brad Keelor - <i>ASCE GI Group</i>
TRACK FIVE: Electrical, Mechanical & Industrial	TBD
TRACK SIX: Students	TBD
4:45 pm - 6:00 pm	WELCOME RECEPTION
6:00 pm - 10:00 pm	TPE-PAC EVENT - <i>Details Coming Soon</i>
TUESDAY, SEPTEMBER 20, 2022	
7:00 - 12:00	Registration Open
7:30 - 3:00	Exhibit Hall Open
7:30 am - 8:30 am	BREAKFAST WITH EXHIBITORS
8:30 am - 9:20 am	PROFESSIONAL DEVELOPMENT - SESSION SIX
TRACK ONE: Engineering Management	Risk Assessment and Allocation Bob Faulhaber
TRACK TWO: Civil & Environmental	Urban Stream Stabilization Project Ken Barry, PE, D.WRE - <i>S&ME</i>
TRACK THREE: Transportation	I-65 Robertson County - Accelerated Delivery Shane Hester, PE - <i>TDOT</i> / Brian Gaffney, PE & Jake Williams, PE - <i>Benesch</i>
TRACK FOUR: Geotechnical	Micropile Design, Construction, and Inspection for Foundation Support and Anchored Earth Retention at the Nashville International Airport Will Shaffer - <i>Dan Brown & Associates</i>
TRACK FIVE: Electrical, Mechanical & Industrial	TBD
TRACK SIX: Structural	Nashville Christmas Morning Bombing: Evaluation and Repairs to Blast Damaged Historic Buildings Benjamin Clemons, PE & Thomas Frankie, PhD, PE, SE - <i>WJE</i>
9:25 am - 10:15 am	PROFESSIONAL DEVELOPMENT - SESSION SEVEN
TRACK ONE: Engineering Management	IT Declassified: Unscrambling the Impact of the War on Data with a Marine Jason Cunningham - <i>Croy Engineering</i>
TRACK TWO: Civil & Environmental	Stream and Wetland Mitigation: Overview and Trends Ben Brown, TN-QHP and Natalie Burger, PhD - <i>TDOT</i>
TRACK THREE: Transportation	New Take on 3D Design Andrew Poszich, PE - <i>RS&H</i>
TRACK FOUR: Geotechnical	Adaptive Reuse and Urban Redevelopment of Wedgewood-Houston Patrick O'Leary - <i>Terracon</i>

TRACK FIVE: Electrical, Mechanical & Industrial	Distributed Energy Resources Trishia Swayne, PE - <i>Power Centric Solutions</i>
TRACK SIX: Structural	Applications and Design Guideines for Concrete Reinforced with FRP Bars Ashraf Mohammed, PhD, EI
10:15 am - 10:45 am	BREAK WITH EXHIBITORS
10:45 am - 11:35 am	PROFESSIONAL DEVELOPMENT - SESSION EIGHT
TRACK ONE: Engineering Management	Creating Inclusive Engineers through Humanitarian Engineering Projects Kristen Dodson - <i>Lipscomb University</i>
TRACK TWO: Civil & Environmental	The Power of a Story Andrew Poszich, PE - <i>RS&H</i>
TRACK THREE: Transportation	SUE Rhett Sloan, RLS - <i>SAM Companies</i>
TRACK FOUR: Geotechnical	Ohio Turnpike and Infrastructure Commission's 7-year Performance of Chemically Stabalized Subgrades for Pavements for Mainline Reconstruction Projects Dane Redinger, PE - <i>Mt. Carmel Stabilization Group</i>
TRACK FIVE: Electrical, Mechanical & Industrial	Recent Design Developments Jace Courtright, <i>US Army Corps of Engineers</i>
TRACK SIX: Structural	The New Airwave Roof at BNA - Challenges and Solutions Rao Patri, PE, SE - <i>Logan Patri Engineering, Inc.</i> & Terry Palmer, PE - <i>Magnusson Klemencic Associates</i>
11:35 am - 1:00 pm	PE LUNCHEON & TSPE AWARDS An Update from the A/E Board
1:00 pm - 1:50 pm	PROFESSIONAL DEVELOPMENT - SESSION NINE
TRACK ONE: Engineering Management	TBD
TRACK TWO: Civil & Environmental	Concrete Parking Lot Design Amanda Hult, PE - <i>NRMCA</i>
TRACK THREE: Transportation	Ocoee River Bridge Mark Holloran
TRACK FIVE: Electrical, Mechanical & Industrial	TBD
TRACK SIX: Structural	Mass Timber Structural Design: Engineering Modern Timber Structures Jessica Scarlett - <i>WoodWorks</i>
1:55 pm - 2:45 pm	PROFESSIONAL DEVELOPMENT - SESSION TEN
TRACK ONE: Engineering Management	TBD
TRACK TWO: Civil & Environmental	Advances in Green Infrastructure Designs Using High-Flow Biofiltration Technology for Stormwater Quality Treatment Mark Miller, PG - <i>AuqaShield</i>
TRACK THREE: Transportation	Blue Oval Update Brian Trotter - <i>HDR</i>
TRACK FIVE: Electrical, Mechanical & Industrial	Los Limones Guatemala - Pumps and Pipes are Easy But People and Politics are Hard Kevin Colvett, PE - <i>Inflo Design Group</i>
TRACK SIX: Structural	A Case Study: Investigation and Load Testing of Low Compressive Strength Concrete Robert Kuykendall, PE, SE - <i>WJE</i>