



NAFE 2025 Summer Conference Technical Program

Saturday, July 12, 2025

6:30 AM Breakfast and Networking

7:15 AM President's Remarks and Introductions

MORNING TRACK

8:00 AM Ziad Azzi, PhD, PE (NAFE #1343M) — “Discerning Wind-Related Damage to Residential Roofs: A Case Study of Shingle and Tile Roofs”

9:00 AM Tonja Koob Marking, PhD, PE (NAFE #1152S) — “Forensic Hydraulic Analysis of a Tow and Barge Vessel Allision with a Lock and Dam”

10:00 AM Morning Break | Sign Up for Dinner Groups

10:15 AM Michael Stall, PE (NAFE #955M) — “Forensic Engineering Evaluation and Quantification of Fire Damage to a Home Under Construction”

11:15 AM Stephen Batzer, PhD, PE (NAFE #677F) — “Unreliable at the Boundary: Analysis of Two Sub-Optimum Crossbow Trigger Designs”

End of morning sessions

12:15 PM Lunch and General Membership Meeting | Sign Up for Dinner Groups

AFTERNOON TRACK

1:15 PM Henry Mowry, PE (NAFE #1195M) and David Ridder — “The Importance of Human Perception in Incident Reconstruction and the Potential for Misleading Interactive Reconstructions”

2:15 PM Robert Peruzzi, PhD, PE (NAFE #967M) — “Forensic Investigation of Bitcoin Mining, Power Transmission, and Vegetation Mismanagement Causing Electrical Faults and Railroad Control System Failures”

3:15 PM Afternoon Break | Sign Up for Dinner Groups

3:30 PM Stephen Batzer, PhD, PE (NAFE #677F) — “Barrel Failure in an Over and Under Shotgun”

4:30 PM Rebecca Bowman, Esq, PE (NAFE #1153M), Brian Eubanks, PE (NAFE 962S), and Lauren Kelley (NAFE 1358M) — “Beyond the Building Code: Expansive Soils”

5:30 PM End of Day 1 Sessions | Lobby Bar Meet Up | Dinner on Your Own

*The NAFE Technical Program is brought to you by the NAFE Journal Staff and Editorial Board
David J. Icove, PhD, PE, DFE, Editor-in-Chief and Ellen Parson, Managing Editor*