



NAFE 2025 Winter Conference Technical Program

Saturday, January 18, 2025

7:00 AM Breakfast, introductions, networking, and President's remarks

MORNING TRACK

8:00 AM Brian Eubanks, PE (NAFE #962S), Garrett Ryan, PE (NAFE #1125M), and Derek Patoskie, PE (NAFE #1312A) — “Forensic Analysis of Construction Variances Associated with Cement Plaster (Stucco) Veneer on Wood Framing”

9:00 AM Mark McFarland, PE (NAFE #1186M) — “Delayed Inspection: Determining the Cause of an Electrical Fault One Year After the Incident”

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

10:15 AM David Aberizk, PE (NAFE #208A) — “Automotive Patent Process Manipulation Compromises Available in Technology Safety Enforcement”

11:15 AM David Icove, PhD, PE (NAFE #899F) — “Risk Factors When Predicting Mortality of Burn Injuries of Patients Smoking While Undergoing Home Oxygen Therapy”

End of morning sessions

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

AFTERNOON TRACK

1:15 PM Joseph Ellington, PE — “Artificial Intelligence and Fire/Explosion Investigations”

2:15 PM Jerry Tindal, PE (NAFE #642S) — “FE Analysis of a Modular Fireplace Fire with an Improperly Constructed Hearth Extension”

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

3:30 PM Michael Stall, PE (NAFE #955M) — “Forensic Engineering Evaluation of a Collapsed Factory Roof”

4:30 PM Jahan Rasty, PhD, PE (NAFE #768S), Mathew Mills, PE (NAFE #1199A), and Olin Parker — “Lithium-Ion Energy Cell Explosions: Investigating the Contribution of Design, Marketing, and Warnings to Consumer Risks”

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

Backup 1 Chakri Gondi, PE (not a member yet, applied for membership) — “Using GPR Techniques in Forensic Structural Engineering Investigations”

Backup 2 Bart Kemper, PE (NAFE) — “Title”