



NAFE 2025 Winter Conference

Friday, January 17, 2025 – Santa Fe

Drury Plaza Santa Fe

- 8:00 AM** **Registration Desk Open until 12:00 PM**
- 8:30 AM** **Welcome, Introductions, and Orientation**
- 9:00 AM** **Board of Directors Meeting**
- 10:45 AM** **Break**
- 11:00 AM** **E58 Meeting**
- 12:15 PM** **E58 Meeting Wrap Up / Lunch on Your Own**
- 1:30 PM** **Tour of Santa Fe Community College's Solar Field**
Meet in the Lobby for Tour Carpool. Depart by 1:40 PM
- 2:00 PM** **Tour of Santa Fe Community College's Solar Field**
Don't miss this unique opportunity to explore Santa Fe Community College's state-of-the-art solar field and generating system! Facilities Director Dobby Schmidt is offering an exclusive tour on Friday, January 17 at 2:00 PM. This is your chance to get hands-on with the innovative devices featured in our Sunday educational seminar.
- Santa Fe Community College, located just 20 minutes south of the city on 630 acres, is known for its cutting-edge programs in renewable energy.*
- We will meet up and carpool using our cars or rideshare. There is no charge for the tour.*
- Learn more about SFCC here: <https://www.sfcc.edu>*
- Don't miss this opportunity to see renewable energy in action—register today!*
- 3:30 PM** **Depart SFCC**
- 5:00 PM** **Registration Desk Open until 7:00 PM**
- 6:00 PM** **President's Reception and Dinner**
- 7:00 PM** **President's Dinner – Registration Required**
Join us as we welcome new directors to the board and recognize the 2025 recipient of the Presidential Award for Service. Dinner is served at 7:00 PM



NAFE 2025 Winter Conference Technical Program

Saturday, January 18, 2025

6:30 AM Enjoy the Drury Hotel Breakfast Buffet

7:30 AM Opening Remarks and Attendee Introductions

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 with Induction of 2025 Board of Directors

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

Join your colleagues for a special cocktail reception hosted by InspectMind

*The NAFE Technical Program is brought to you by the NAFE Journal Staff and Editorial Board
Bart Kemper, P.E., DFE, F.ASME, Editor-in-Chief and Ellen Parson, Managing Editor*



NAFE 2025 Winter Conference

Sunday, January 19, 2025 – Santa Fe

Educational Program

- 6:30 AM** Enjoy the Drury Hotel Breakfast Buffet
7:30 AM Opening Remarks and Attendee Introductions

MORNING TRACK

- 8:00 AM** Brian Malm, PE, FNSPE - “Ethics in Engineering: Maintaining Professional Integrity”
- 9:00 AM** 1st Morning Break
- 9:15 AM** Amy Headrick, Attorney & Leah Shover, Attorney – “Mock Trial: Navigating Expert Testimony as a Forensic Engineer”
- 11:15 AM** 2nd Morning Break
- 11:30 AM** Kathryn Bakos – “How to Adapt to a Mad, Mad World?”

End of morning sessions

- 12:30 PM** Lunch

AFTERNOON TRACK

- 1:30 PM** Anastasios Hionis, EE, ME, PE (NAFE #1201A) – “When the Sun Burns – Technical Investigations of Solar Projects”
- 2:30 PM** Afternoon Break
- 2:45 PM** Gina Bumshteyn, PE, CFEI (NAFE #1321A) – “Investigating Solar Fires”
- 3:45 PM** Scott J. Anson, Ph.D., P.E. (NAFE #1287A) – “Non-Destructive Evaluation Techniques for Forensic Engineers”
- 4:45 PM** End of Day 2 Sessions and Closing Remarks

The NAFE Educational Program is brought to you by the NAFE Education and Conference Committees led by Zohaib Alvi and Daniel P. Couture.