



- 7:00 am Round Table Discussion (includes breakfast)
8:15 am Opening Remarks and Introductions – Michael Leshner, PE (2017 NAFE President)

MORNING TRACK 1 — GENERAL INTEREST

- 9:00-9:40 Mamoon Alyah, PE (758S) — “A Comparative Study of Forensic Engineering Practice Around the World”
9:40-10:20 Drew Peake, PE (460F) — “Engineering Analysis of Cost to Protect Workers from Diacetyl Exposure and the Economic Benefit of Noncompliance”
10:20-11:00 Robert Peruzzi, PhD, PE (967A) — “FE Analysis of Test Equipment Manufacturing Capability in a Business Purchase Dispute”
11:00-11:40 Rune Storesund, PE (474C) — “Forensic Engineer Expert Communications: Lessons Learned from the March 2014 Oso Landslide Litigation”

MORNING TRACK 2 — FIRE INVESTIGATION

- 9:00-9:40 Maurice Cueva-Eguiguren, PE (776S) — “FE Analysis of an Electrical Substation Fire in a Manufacturing Plant in Brazil”
9:40-10:20 Roger Owens, PE (412F) — “FE Analysis of Arc Flash Fires”
10:20-11:00 Raymond Thompson, PhD, PE (763F) — “Forensic Engineering Metallurgical Analysis of PTO Air Compressor Rupture and Fire”
11:00-11:40 Christopher Shiver, PE (661S) — “FE Evaluation of a Carpet Wrapping Machine — Maintenance Worker Fatality”

End of morning sessions

- 11:40 Membership Meeting, Activities Report, Recognition of Fellows, 35th Anniversary comments – Michael Leshner, PE
12:30 Round Table Discussion (includes lunch)

AFTERNOON TRACK 1 — VEHICLES & MACHINES

- 2:00-2:40 Daniel Couture, PEng (951M) — “FE Investigation of a Fatal Farm Tractor Incident”
2:40-3:20 Ben T. Railsback, PE (713S) — “Forensic Investigation of a Powered Industrial Truck Accident”
3:20-4:00 William Lee, PhD, PE (655S) — “FE Analysis of Upper Extremity Nerve Entrapment Injury Mechanisms as Related to Low Velocity Read-End Collisions”
4:00-4:40 Richard M. Ziernicki, PhD, PE (308F), Ben T. Railsback, PE (713S) and Stephen D. Knapp, PE (891S) — “FE Analysis of a Motorsports Racing Incident”

AFTERNOON TRACK 2 — MATERIALS

- 2:00-2:40 John Certuse, PE (708F) — “FE Analysis of Copper Pipe Solder Joint Failure”
2:40-3:20 Jesse Grantham, PhD, PE (597F) — “FE Assessments of Failed Welds in 12-Inch Diameter Inlet Pipes of a 1 Million Gallon Municipal Water Storage Tank”
3:20-4:00 D.S. “Sax” Saxena, PE (586F) — “FE Evaluation of an Allegedly Deficient Steam Turbine Foundation”
4:00-4:40 Kamran Farahmandpour, PE (854F) and Derek Hodgkin, PE (733S) — “FE Assessment of Fault Allocation of Involved Parties in Building Envelope Defect Cases”

End of afternoon sessions

- 4:40-5:00 Follow-up Q & A Session for Technical Presentations
5:00 Adjourn

SUNDAY TECHNICAL SESSION (July 23, 2017)

- Time TBD Harold Josephs, PhD, PE (295F) — “Lead-Acid Battery Explosion Due to Excessive Sulfation: A Case Study”