



INSPIRING PLASTICS PROFESSIONALS CHICAGO SECTION



SPE Chicago and ESi invite you to join us for a presentation introducing the failure investigative approach and a tour of ESi's laboratory facility utilized in typical failure investigations.

Failure Investigative Approach in the Plastics Industry



OVERVIEW

Polymer based materials and plastic products can occasionally fail. Such failures may lead to property damage, environmental damage, personal injury, and even death. Failures can also be damaging to the manufacturer, supplier, and processor, impacting their brand credibility, financial strength, and ability to function. The significance of how and why such a failure occurred is important for all parties involved in bringing the product to market. A failure investigative approach utilizing the scientific method is necessary for determining root cause.

PRESENTER



 **Anand Shah,**
M.S., M.B.A., P.E.

Mr. Shah is Principal Consultant at ESi and the practice group director for ESi's Polymer Materials practice. He has over 25 years of experience in providing technical consulting services related to evaluation of polymer and composite materials and investigations related to the performance of plastic products. Mr. Shah is an adjunct faculty at Illinois Institute of Technology, Chicago, IL teaching a graduate level course on plastic materials. Mr. Shah also has co-authored a book titled "Fractography in Failure Analysis of Polymers."

ITINERARY

- 5:30pm – 5:45pm Registration
- 5:45pm – 6:30pm Networking and dinner
- 6:30pm – 7:15pm Presentation by Mr. Shah including 10 min Q & A
- 7:15pm – 7:45pm ESi-Aurora facility tour
- 7:45pm – 8:00pm SPE closing remarks

PRICE

\$35 (Students: \$25)

WHERE

Engineering Systems Inc.
4215 Campus Drive, Aurora, IL 60504



WHEN

Thursday, June 1st, 2023
5:30 p.m. – 8:00 p.m.

