

TVSFPE 2024 Annual Seminar

Unlocking the Power of Artificial Intelligence (AI) in Forensic Fire Scene Risk Assessments

Presented by David J. Icové, P.E.
University of Tennessee

April 17th & 18th , 2024 Knoxville, Tennessee

TVSFPE will host on April 17th and 18th, 2024, a two-day seminar consisting of the following topic.

The Top 50 Emerging Issues Facing Engineering and Fire Protection Professionals During Forensic Fire Scene Risk Assessments: This hands-on seminar is the first of its kind in applying the newest Artificial Intelligence (AI) approaches to engineers, forensic investigators, and fire protection specialists. Kirk's Fire Analysis™ uses the latest AI approaches to manage, summarize and analyze case information.

- Participants receive instruction pertaining installing, maintaining, and updating the latest AI software for use on their laptop and other computers. No connection to the Internet is needed, so your case information is safely stored locally.
- Instruction includes a review of the “Top 50” issues facing fire investigators during the seminar and the ability to access a large reference database covering these issues.
- The Kirk’s Fire Analysis™ approach allows engineers and investigators to use AI to review and critique their draft expert reports. These automated reviews can be utilized to reveal and correct potential logic pitfalls in logic and opinions and analyze your case documents.

The seminar will guide participants how to: Install and apply the latest AI technologies on your own computer. Use the Kirk’s Fire Analysis™ approach to store and analyze your case documents. Use AI to perform risk assessments and take home valuable time sensitive materials.



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Location:

This seminar will be held at the Bearden Banquet Hall: **5806 Kingston Pike Knoxville, TN 37919.**

Registration:

Seminar registration cost is **\$500** for professionals and **\$250** for fire service and state/municipal code officials. Student registrants should contact Andrew Tinsley for information on cost and registration. The registration cost does not include travel or lodging expenses.

Registration and payment deadline is April 7th, 2024.

Registration can be completed online at <http://www.tvsfpe.org/2024 Annual Seminar> or through the mail by filling in the information below:

Name:

Employer:

Address:

Email:

Telephone:

You will receive a confirmation of receipt of registration form and payment. A receipt and map/directions (if requested) will accompany the confirmation. Please register online or mail this completed registration form, with payment, to:

TVSFPE 2024 Seminar c/o Michael Shehane
1310 Centerpoint Blvd. Knoxville, TN 37932

Schedule:

The seminar will consist of a morning session and an afternoon session each day with a lunch break in between. The morning sessions will begin at 8:00AM and end at approximately 11:30AM each day. There will be a one hour lunch break from 11:30PM to 12:30PM. The afternoon sessions will begin at 12:30PM and end at approximately 4:00PM each day.

Additional Information:

The seminar is an excellent opportunity to accumulate CEUs or PDHs. This seminar will provide 12 continuing education credits. The State of Tennessee has approved 12 CEUs for Fire Inspector's and Building Inspector's.

Participants will receive a training packet, related lecture notes, breakfast and lunch both days, and a certificate of completion for the course.

For any questions about registration, seminar details and/or the TVSFPE in general contact Andrew Tinsley (865) 660-8349, Andrew.tinsley@tvsfpe.org.

A portion of seminar proceeds are used to fund the annual TVSFPE Scholarship Fund. The annual TVSFPE scholarship is awarded to students pursuing formal education in the field of fire protection. More information regarding the TVSFPE Scholarship Fund can be found at <https://www.tvsfpe.org/Scholarship>.