

Application:



Name: _____

Address: _____

City: _____

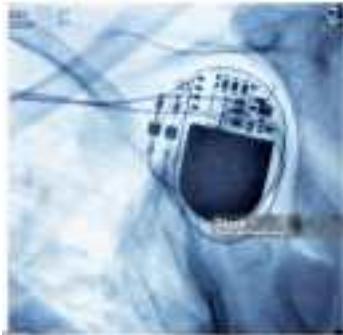
State: _____ Zip: _____

Affiliation: _____

Telephone: _____

E-Mail: _____

Chapter Member: Yes No



Digital Evidence and AI in Fire Investigations
June 17, 2026



Maine Chapter IAAI
P.O. Box 1101
Auburn, ME 04211-1101

DIGITAL EVIDENCE AND AI IN FIRE INVESTIGATIONS

June 17, 2026

Scarborough Public Safety Facility

**Parking in High School Lot Behind
Town & Country Credit Union**

275 US-1, Scarborough, ME 04074

Presented by

***Maine Chapter of the
International Association of
Arson Investigators***



P.O. Box 1101 Auburn, ME 04211-1101

WWW.MAINEIAAI.COM

Speaker:

Jeff Spaulding, IAAI-CFI, CFEI

Jeff Spaulding is the Deputy Fire Chief for the City of Middletown, Ohio, with over 33 years of fire service experience. He has led more than 3,000 fire and explosion investigations, provided expert witness testimony in federal and state courts, and contributed to leading fire investigation textbooks. As a training coordinator with Fire and Explosion Consultants, LLC, he combines practical expertise with a hands-on approach to teaching advanced fire investigation technique

Program:

This full-day class examines the use of data from implanted cardiac devices (ICDs) and other electronic evidence sources in fire and arson investigations, along with the practical application of artificial intelligence.

The first portion of the class reviews three investigations conducted by the Middletown Division of Fire in the fall of 2016 in which implanted cardiac device data was obtained and utilized. It covers the process of acquiring this data, how it was used during the investigations, and considerations for working with similar electronic storage devices and IoT (Internet of Things) items. IoT refers to everyday objects and devices connected to the internet that can collect and transmit data.

The second portion introduces artificial intelligence tools and their potential use in fire investigations. Topics include basic AI concepts, applications such as scene documentation, accelerant detection, component identification, barcode/QR scanning, and evidence analysis. Legal considerations, accuracy limitations, and ethical issues will also be discussed.

The class is designed for fire investigators seeking to understand both traditional digital evidence recovery methods and emerging technology options.



Scarborough Public Safety Facility

Note:

Please park in the High School parking lot which is behind the Town & Country Credit Union. Parking is reserved in front of the PSF for regular business.

Timeline:

Registration	08:00
Class Begins	09:00
Lunch (provided)	12:00
Annual Meeting	12:45 -13:15
Class Resumes	13:15
CFI Test (optional)	15:30

Cost:

\$40.00 for Maine Chapter Members.

\$50.00 for Non-Maine Chapter Members.

Cancellations must be received 15 business days prior to the start date of the training.

Cancellations received less than 7 business days prior to the start date are not entitled to a refund.

Make all checks payable to:

Maine Chapter I.A.A.I.

Purchase Orders must accompany registration application.

Mail application to:

Maine Chapter IAAI
P.O. Box 1101
Auburn, ME 04211-1101

Message from the Maine Chapter IAAI

The Maine Chapter of the International Association of Arson Investigators was formed in 1992 to further the education and training of fire and arson investigators throughout the State of Maine. The primary goal of the organization is to provide excellent training opportunities for as low a cost as possible to its members. The Directors of the Chapter would like your input as to future training programs you would like to see or any suggested instructors for our programs. Please contact any Director with your needs or suggestions. **Thank You**