

PROFESSIONAL FIRE & FRAUD  
INVESTIGATORS ASSOCIATION  
356 Melaleuca Dr.  
Springfield, MO 65809



*57<sup>th</sup> Annual*  
**FIRE AND FRAUD  
INVESTIGATORS**  
**Professional  
Development Symposium**

**October 4-6, 2024  
Camdenton, MO**



The 57th Annual Professional Fire and Fraud Investigators Professional Development Symposium will be held October 4-6, 2024 at the Lodge at Old Kinderhook, Camdenton, MO.

### TRAINING CREDITS

Training hours from this seminar can be applied to the recertification requirements of the Missouri Division of Fire Safety Fire Investigator Certification program. **A total of 12 hours in continuing education is scheduled.** Attendance will be monitored and is required to receive a certificate for these hours.

Selected hours from this seminar can also be applied to the continuing education requirements for peace officer certification in Missouri. PFFIA has applied for approval from POST for hours at this symposium. **POST requires individuals to submit their POST officer license number when signing in for approved CEU's.**

### SYMPOSIUM REGISTRATION

PFFIA members: \$125 Nonmembers: \$150

Preregistration must be mailed by **Sept. 20, 2024. Walk-in registration will be accepted at the seminar.**

*Registration includes lunch on Saturday.*



# SYMPOSIUM REGISTRATION



*PLEASE PRINT All Information*

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Representing: \_\_\_\_\_

Day Phone: \_\_\_\_\_ Evening Phone: \_\_\_\_\_

Email Address: \_\_\_\_\_

**October 4-6, 2024**

PFFIA member: \$125

Nonmember: \$150

*Payment must accompany registration.  
Make checks payable to P.F.F.I.A.*

**To use a credit card, contact  
Bill.Zieres@gmail.com**

*Mail registration to:*

**PFFIA Training Symposium  
356 Melaleuca Dr.  
Springfield, MO 65809**

## **Lithium-ion Batteries in Fire Investigations**



Lithium-ion batteries can be found in all types of devices, tools, electric vehicles, and energy storage. When these batteries fail in thermal runaway, they can produce fire and explosion hazards.

This program will help fire investigators understand how battery systems fail and how those failures can lead to the battery becoming both an ignition source and gaseous fuel source.

Topics include battery system architecture, how lithium-ion batteries fail, recognizing the parts and pieces of damaged battery cells, looking at lithium-ion batteries in fire investigation, and how to help prevent battery failure occurrence.

Erik Archibald PhD, P.E. is a licensed professional engineer with expertise in explosions, lithium-ion batteries and fire dynamics. He received his PhD from the University of Texas. His research and consulting work includes expert witness investigations into fires and explosions; and models and experiments of lithium-ion explosion, fire, and toxicity hazards. Erik has conducted lithium-ion battery fire and explosion experiments ranging from single cell to room scale involving energy storage systems, consumer electronics, e-mobility devices, and electric vehicles. Erik is a structural specialist on Texas Task Force 1 Urban Search & Rescue team.

## **Lodging**

The Lodge at Old Kinderhook, 678 Old Kinderhook Drive, Camdenton, Missouri, is providing a room rate of \$149 per night for conference attendees.

Reservations will be made on an individual basis directly with the Hotel Reservations Department by calling **573-317-4314**. Reservations can be made online at **oldkinderhook.com** using the group block code **100424MDFS** under "Group Attendee".

**Reservations will be accepted no later than September 11, 2024.** If reservations are not made by the "cut-off date", guest rooms will be available at hotel's space and rate only.

## ***Recognize A Deserving Individual***

**The Harry Hanson Award** recognizes individuals who have made a significant contribution toward advancing fire investigation in the State of Missouri.

**The Prosecutor of the Year** recognizes individuals who realize the impact arson can have in the community and have worked to bring those responsible for the act of arson to justice.

Would you like to nominate someone for an award? Please download and mail in our award nomination form at [PFFIA.COM](http://PFFIA.COM) for someone you think is worthy of this honor.



# SYMPOSIUM PROGRAM



Friday, Oct. 4, 2024

6 p.m. - 8 p.m. Registration

Saturday, Oct. 5, 2024

7:30 - 8 a.m. Registration

8 a.m. Lithium-ion Batteries in Fire Investigations

*Erik Archibald, PhD, P.E.  
Partner, Senior Engineer  
Consultant  
Hazard Dynamics, LLC*

12 p.m. Networking lunch provided

12:30 p.m. Annual Association Membership Meeting and Election

1:30 p.m. Lithium-ion Batteries in Fire Investigations  
*continued*

4:30 p.m. Session Concludes



# SYMPOSIUM PROGRAM



Sunday, Oct. 6, 2024

8 a.m. NFPA 921-2024 Updates

*Michael Schlatman  
Senior Special Investigator/  
Owner  
Fire Consulting International  
Inc.*

10 a.m. Investigating Fire Incidents Involving a Line-of-Duty Death

*Chad Hildebrand  
Captain  
Missouri Division of Fire  
Safety*

12 p.m. Symposium Concludes



## ANNUAL MEETING AND ELECTION

The Annual Meeting and Election of Officers will be October 5th during the Symposium.