



75th Annual Florida Fire Prevention Conference

November 6th through November 9th, 2023
Hilton - University of Florida Conference Center Gainesville
1714 SW 34th St.
Gainesville, FL 32607

FFMIA's 75th Diamond Jubilee

Conference General Schedule and Information





FLORIDA FIRE MARSHALS AND INSPECTORS ASSOCIATION

Post Office Box 325 • Hobe Sound, FL
33475 Phone: 772-349-1507
www ffmia.org

November 6, 2023

Dear Conference Attendees.

On behalf of the Board of Directors, welcome to the 75th Annual Florida Fire Prevention Conference themed “Committed to Florida’s Safety for 75 Years” at the beautiful Hilton-University of Florida Conference Center Gainesville, Florida. This conference is the longest running Fire Prevention Conference in the United States.

This year we continued to provide quality training that offered CEUS for your certifications. Once again, your association successfully completed all three in-person conferences with a virtual option. With new sponsors and a broad list of vendors, we are able to offer five tracks of learning opportunities here in Gainesville. We will also hear from our State Fire Marshal’s Office to learn about their statewide initiatives and provide some time to meet with your regional directors to talk about your local issues.

This past year, your association worked diligently on legislative issues that affected the fire service. Some of the bills passed were negotiated and a successful resolution was proposed. Some bills were passed that we could not change and that caused some concerns within the membership when they were successfully passed in Tallahassee. FFMIA will continue to work on the front lines in cooperation with the other fire service organizations to be “one voice” and we will continue to foster those relationships to ensure that our voice is heard.

During the conference, please take the time to visit our sponsors and vendors to be updated on the latest trends and technology. Take the time to cultivate old relationships and develop new ones through fellowship opportunities each night. How you participate at the conference can make your time in Gainesville more rewarding and enjoyable. Members of the Board of Directors and your Executive Director will also be available throughout the conference to help facilitate a good experience for you.

Thank you for allowing me to serve as president of your organization. Enjoy your time and have a great conference.

Sincerely,

Jeff Lucas,
President

INTERNATIONAL FIRE MARSHALS ASSOCIATION



CHAPTER #3

GENERAL SCHEDULE OF EVENTS

Sunday November 5th, 2023

1:00 pm – 5:00 pm Registration Open
2:00 pm – 5:00 pm Pre-Conference Classes

Monday November 6th, 2023

8:00 am – 3:00 pm Registration and Information Desk Open
9:00 am – Noon Opening Ceremony, Award Presentations and Keynote Speaker
12:00 pm – 5:00 pm Exhibitor Move In
Noon – 1:00 pm Lunch Break
1:00 pm – 5:00 pm General Session(s)
6:00 pm – 9:00 pm Social Event

Tuesday November 7th, 2023

7:00 am – 3:00 pm Registration and Information Desk Open
8:00 am – 7:00 pm Exhibit Hall Open
8:00 am – 5:00 pm Educational Sessions
12 noon – 1:00 pm Lunch Break
1:00 pm – 5:00 pm Educational Sessions
5:00 pm – 7:00 pm Vendor Showcase/Exhibitor Reception/Raffle – hors d'oeuvres, cash bar, raffle,
door prizes – MUST BE PRESENT TO WIN

Wednesday November 8th, 2023

7:00 am – 4:00 pm Registration and Information Desk Open
8:00 am – Noon US Fire Administrator, Dr. Lori Moore-Merrell U.S. Fire Administrator and
Update from the State Fire Marshal, JoAnne Rice
8:00 am – Noon Exhibit Hall Open
Noon – 1:00 pm Lunch Break
Noon – 5:00 pm Exhibitor Move out
1:00 pm – 5:00 pm General Membership Meeting, and area meetings with the Regional Directors
6:00 pm – 9:00 pm 75th Annual Conference Social Event

Thursday November 9th, 2023

7:30 am – 9:00 am Registration and Information Desk Open
8:00 am – Noon Educational Sessions

FFMIA is pleased to be working with the Interstate Renewable Energy Council to present a 4-hour in-conference workshop on renewable energy issues facing the state of Florida. This event will be held as part of this conference from 1 PM to 5 PM on Tuesday November 7th, in the Century Ballroom.

COURSE AND PROGRAM SCHEDULE

SUBJECT TO CHANGE

Sunday November 5th, 2023 - Pre-Conference

- 1:00 pm – 5:00 pm** **Registration and Information Desk Open**
Conference Area Registration Desk
- 2:00 pm – 5:00 pm** **Leadership and Decision Making**
Anthony Apfelbeck – City of Altamonte Springs
RN: 17435 Class: 130140 Cedar Room

Monday November 6th, 2023

Note: All of Monday's events will be broadcast to virtual attendees.
All Monday's events are in the Century Ballroom

- 8:00 am – 3:00 pm** **Registration and Information Desk Open**
Conference Area Registration Desk
- 9:00 am – 10:15 am** **Opening Ceremonies – 75 years of Progress, are we Making a Difference?**
Jon Pasqualone – FFMIA Executive Director
Century Ballroom A, B, and C
- 10:15 am – 10:30 am** **Break**
- 10:30 am – Noon** **Inspecting Cancer Incidence and Cancer Prevention in Florida Fire Inspectors and Fire Investigators: Lessons from the Firefighter Cancer Initiative**
Dr. Natasha Schaefer Solle, and Dr. Alberto Caban-Martinez, University of Miami
RN: 19182 Class 130829 Century Ballroom A, B, and C
- Noon – 1:00 pm** **LUNCH PRESENTATION: KNOX**
How Rapid Access is Expanding to Meet the Growing Needs of Today's Fire Service with Innovative Technologies
Wendy Fecteau - KNOX
RN: 19167 Class: 130832 Century Ballroom A, B, and C
- 1:00 pm – 2:00 pm** **Vacation Rentals and Your Responsibility**
Rodney Kwiatkowski – Fire Marshal West Manatee Fire Rescue District
RN: 19120 Class: 130237 Class: TBD
Century Ballroom A, B, and C
- 2:00 pm – 3:30 pm** **Emerging Trends in Fire Inspection – 2023 Update**
Kelly Nicoletto – UL Solutions
RN: 19119 Class: 130227 Century Ballroom A, B, and C

3:30 pm – 5:00 pm **Panel Discussion – Town Hall Meeting**
The Future of Fire Prevention/Protection in Florida 2023 Update
Anthony Apfelbeck City of Altamonte Springs, Karl Thompson Retired, Juan Fernandez Miami Dade Fire Dept., Cheryl Edwards Lakeland Fire Dept., and John Gatlin State of Florida
RN: 19121 Class: 130234 Century Ballroom A, B, and C

6:00 pm – 9:00 pm **Social Event**
FFMIA Hospitality Night poolside

Tuesday November 7th, 2023

7:00 am – 3:00 pm **Registration and Information Desk Open**
Conference Area Registration Desk

8:00 am – 7:00 pm **Exhibit Hall Open – Foyer**

8:00 am – 5:00 pm **Fire Sprinkler Plan Review**
Jeffrey M. Hugo – National Fire Sprinkler Association
STUDENTS MUST ATTEND ALL 8 HOURS and
MUST HAVE A COPY OF NFPA 13 WITH THEM WHILE ATTENDING CLASS
RN: 19122 Class: 130232 Century Ballroom C

8:00 am – 9:00 am **Fire and Building Officials Working Together**
Michael DiNorscio
RN: 19168 Class: 130833 Century Ballroom A

8:00 am – 10:00 am **GigaFactory and Lithium Ion Battery Safety**
William Sudah - Honeywell
RN: 19180 Class: 130837 Azalea Ballroom

8:00 am – 9:00 am **The new crisis in Commercial Fire Communications – The truth about alternative pathways**
Daniel Rosales - Telguard
RN: RN19126 Class: 130233 Hickory Ballroom

8:00 am – 10:00 am **Fire Inspection Photography: how to take Better Photos with a Smart Device**
Ronda Scholting – West Metro, CO Fire Department
RN: 19170 Class: 130828 Century Ballroom B

9:00 am – 10:00 am **Stage Theater Fire Safety**
Zane Neily – On-Site Drapery Cleaners
RN: 19123 Class: 130263 Century Ballroom A

9:00 am – Noon **ERCES and BDAs: Getting AHJs and Radio System Operators on the same page**
Chief Alan Perdue – Safer Buildings Coalition
RN: 19127 Class: 130226 Hickory Ballroom

Tuesday November 7th, 2023 (continued)

- 10:00 am – 11:00 am** **Linear Heat Detection and Releasing Systems**
Danny Harrod – Wiginton Corporation
RN: 19124 Class: 130235 Century Ballroom A
- 10:00 am – noon** **Public Fire Investigator’s Behavioral Approach to fire Scene Investigation**
Kyle Bradshaw – Fire Chief, Cedar Hamock fire Rescue
RN: 19125 Class: 130565 Azalea Ballroom
- 10:00 am – Noon** **Better Video – Better Content, What do you need to make video production work for you**
Ronda Scholting – West Metro, CO Fire Department
RN: 19172 Class: 130835 Century Ballroom B
- 11:00 am – 12:00 pm** **SB1140 and Changes to Fire Alarm Permitting**
Danny Harrod – Wiginton Corporation
RN: 18830 Class: 130116 Century Ballroom A
- Noon – 1:00 PM** **Lunch Provided by Stellar Communications**
ERCES Systems - AHJ, FCC and Industry (the Good, the Bad and the Ugly)
Robert Harrison, Business Development Director, Stellar Communications
RN:18195 Class: 130122 Century Ballroom A
- 1:00 pm – 5:00 pm** **Building Energy Storage System Safety & Risks Workshop**
1:00 pm – 1:10 pm: Introductions and Logistics
- 1:10 pm – 2:10 pm: Energy Storage Systems, Safety and Risks**
RN: 19174 Class: 130834 Century Ballroom A
- 2:10 – 2:25 – Break**
- 2:25 pm – 3:25 pm: UL9540 and UL 9540A**
RN: 19175 Class: 130836 Century Ballroom A
- 3:25 pm – 3:35 pm: Break**
- 3:35 pm – 5:00 pm: Common issues with permit applications, plan review and inspections**
Interstate Renewable Energy Council
RN: 19179 Class: 130827 Century Ballroom A
- 1:00 pm – 5:00 pm** **Inspectors Deploying to Disasters**
Tommy Demopoulos, Jon Pasqualone – FFMIA
RN: 18305 Class: 130121 Azalea Ballroom

Tuesday November 7th, 2023 (continued)

- 1:00 pm – 2:30 pm** **Ongoing Inspection and Maintenance of ERCES**
Lenn Marella and Ron Rapp – Two Way Technology Corp
RN: 19161 Class: 130599 Hickory Ballroom
- 1:00 pm – 3:00 pm** **The Science of Carbon Dioxide and CO2 Monitoring**
Joshua Pringle, Morgan Morris – Co2 Meter
RN: 19129 Class: 130231 Century Ballroom B
- 2:30 pm – 5:00 pm** **Understanding the Compete Process for ERCES and Passing Radio Coverage**
David Adams and Ed Stephans - PCTel
RN: 19128 Class: 130229 Hickory Ballroom
- 3:00 pm – 5:00 pm** **Community Risk Reduction and Understanding the PPC Classifications**
Michael Morash – ISO/Verisk
RN: 19130 Class: 130230 Century Ballroom B
- 5:00 pm – 7:00 pm** **2023 New Technology Showcase - Exhibitor showcase & Raffle**
Multiple
RN: 19131 Class: 130564 Foyer



Wednesday November 8th, 2023

7:00 am – 3:00 pm	Registration and Information Desk Open Conference Area Registration Desk
7:00 am – 8:00 am	Breakfast sponsored by the American Wood Council Tall Mass Timber Construction – a Primer Kevin Roche – Ray O’Brocki RN: 19183 Class: 130831 Century Ballroom A
8:00 am – Noon	Exhibit Hall Open – Foyer
8:00 am – 9:45am	Update from the Division of State Fire Marshal JoAnne Rice – Director RN: 18503 Class: 130132 Century Ballroom A
9:45 am – 10:00 am	BREAK
10:00 am – Noon	US Fire Administration, US Fire Service Updates (Q&A to follow) Deputy United States Fire Administrator Tonya Hoover RN: 19132 Class: 130228 Century Ballroom A
Noon – 1:00 pm	Lunch Provided by the Florida Fire Sprinkler Association Florida Fire Sprinkler Coalition: What You’re Missing! Jeni Pierce Fire Marshal Advisor - City of Marco Island Fire Rescue Department RN: 19187 Class: 131060 Century Ballroom A
1:00 pm – 3:00 pm	FFMIA General Membership Meeting Legislative Update and Current Trends Jon Pasqualone – Executive Director RN: 19133 Class: 130223 Century Ballroom A
3:00 pm – 5:00 pm	FFMIA Area Meetings with Regional Directors Southeast Region - Century Ballroom A North East Central Region - Century Ballroom A South Southwest Region – Century Ballroom C West Central Region - Azalea Ballroom Northwest Region - Hickory Ballroom Northeast Region – Century Ballroom B
6:00 pm – 9:00 pm	FFMIA Diamond Jamboree in the Swamp Century Ballroom A

ERCES:

A Piece of the School Safety Puzzle



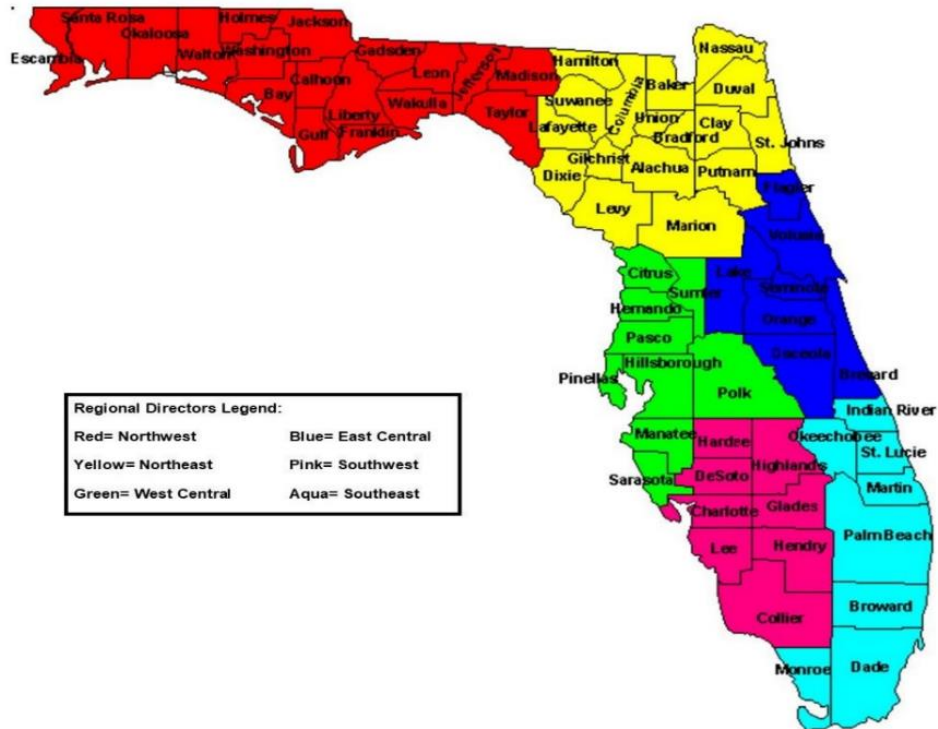
WESTELL

<https://bit.ly/ERCES>



Scan to Access Resources for In-Building School Safety

FFMIA REGION MAP



Thursday November 9th, 2023

7:30 am – 9:00 am	Registration and Information Desk Open Convention Registration Area	Conference Registration Desk
8:00 am – 11:00 am	Florida Fire Prevention Code 61G Steve Kowkabany - VERTEX RN: 18747	Class: 130139 Century Ballroom A
8:00 am – 10:00 am	Converged Wireless Networks and Why They are Gaining Momentum in Public Safety? Jim Lilienfeld – ADRF, Joseph Ioco - Communications International Inc. RN: 19134	Class: 130224 Century Ballroom C
8:00 am – 9:00 am	Leadership in the NFPA Fire and Life Safety Ecosystem Robby Dawson - NFPA RN: 19193	Class: 131083 Hickory Ballroom
9:00 am – 10:00 am	Special Locking Arrangements Jeni Pierce Fire Marshal Advisor - City of Marco Island Fire Rescue Department RN: 17745	Class: 131084 Hickory Ballroom
8:00 am – 10:00 am	Tall Mass Timber Buildings and Fire Service Concerns Kevin Roche – Ray O’Brocki RN: 19074	Class: 130624 Azalea Ballroom
8:00 am – noon	Listening Session – Florida fire College RE: Inspector Certifications CEUs for this event to be handled by FL Fire College Century Ballroom B Eugenia Tucker – Division of the State Fire Marshal CEUS for this session will be handled by the Florida Fire College	
10:00 am – noon	Emergency Responder Communication Enhancement Systems Derek Case – Radio Solutions, Inc. RB: 19135	Class: 130222 Century Ballroom C
10:00 am – noon	Safety of Data Centers UPS Backup Batteries Kalyan Jana, Dan Lambert – Zinc Five RB: 19137	Class: 130221 Hickory Ballroom
10:00 am – noon	Fire Resistant Construction and UL Resources for Fire Professionals Kelly Nicoletto – UL RN: 19184	Class: 130830 Azalea Ballroom

FFMIA would like to take this opportunity
to thank our Legacy member



FFMIA would like to take this opportunity to thank our
Premier sponsor

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Alachua County, FL

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Bronze sponsor



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Meal sponsors



KNOX®

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AMERICAN WOOD COUNCIL



EXHIBITOR SCHEDULE

Sunday November 5th, 2023

1:00 pm – 5:00 pm Registration open – Convention Registration Desk

Monday November 6th, 2023

7:00 am – 3:00 pm Registration and Information Desk Open – Convention Registration Desk

1:00 pm – 5:00 pm Exhibit Hall open for move in – Foyer

NOTE: Early move in cannot be allowed due to exhibit hall set up

Tuesday November 7th, 2023

7:00 am – 3:00 pm Registration and Information Desk Open – Convention Registration Desk

8:00 am – 7:00 pm Exhibit Hall Open – Foyer

5:00 pm – 7:00 pm Vendor Showcase/Exhibitor Reception/Raffle Announcements

Hors Devours, cash bar, raffle and prizes - Foyer

Wednesday November 8th, 2023

7:00 am – 3:00 pm Registration and Information Desk Open – Convention Registration Desk

8:00 am – Noon Exhibit Hall Open – Foyer

Noon – 1:00 pm Exhibitor final move out

Those individuals who visit all the FFMI exhibitors during the Vendor Showcase, complete and turn in the signature form, will be eligible to receive prizes. You must be present at the exhibit hall to win, and prizes are selected by random drawing.



**FFMIA would like to take this opportunity to thank
this year's exhibitors.**

1-800-BOARDUP

Alarm Association of Florida, Inc.

Alliance Communications

American Fire Sprinkler Association, FL Chapter

Building Officials Association of Florida

CodeComply.Ai

Communications International

DAstronix

First Due

Florida Firefighter Safety & Health Collaborative

Florida Fire Sprinkler Association

Global Fireproof Solutions, Inc.

Honeywell HBT

IROL

KNOX

Life Safety Inspection Vault

On-Site Drapery Cleaners

PCTEL, Inc.

PDCS

Promos 911

RFE Communications

RFS Technologies

Safer Buildings Coalition

SecureUs solutions

SLS Consulting, LLC

Sunshine 811

Svetodesign LLC

Tyler Technologies

Underwriters Laboratories, Inc.

UL Solutions

University of Miami/ FCI

Westell Technologies

Select Class Descriptions:

Better Video – Better Content, what do you need to make video production work for you: Learn the simple steps to becoming a better photographer. Even if you only have a smartphone, you can create great videos for your reporting. Ronda Scholting, PIO for West Metro Fire Rescue (Colorado) has some tips on the tools and techniques to help you. Scholting will discuss filming equipment including phones versus video cameras and go pros, microphones, tripods, and cold shoes. She will also educate attendees on editing options, shooting tips, and various apps that are available.

Community Risk Reduction and Understanding the PPC Classifications: The objective of this portion of the program is to provide understanding of the potential classifications which a community can receive and how the available points are associated with each classification. The program will include information on Single Class 1-8, Class 9, Class 10 and 10W classifications. The purpose of split Class 9, X and Y ratings.

Converged Wireless Networks and Why They are Gaining Momentum in Public Safety: This session from ADRF's Jim Lilienfeld, will discuss the growing momentum of deploying converged wireless communication networks in buildings and the importance of this shift. There are significant reasons converged solutions are ideal including the ability to support both cellular and public safety frequencies in a single enclosure, the ability to control the systems from a single point of interface, and equipment and installation cost savings from shared architecture.

Emergency Responder Communications Enhancement Systems: This presentation is a brief overview of Emergency Responder Communications Enhancement Systems (ERCES). Topics to be covered include: Overview of Public Safety Radio Systems, Introduction to the ERCES / BDA Solutions, Code Requirements – IFC, IBC, NFPA, UL 2524 Standard and UL Listing Requirements, Avoiding Interference and Assuring Code Compliance, FCC Registration Requirements, Review of AHJ Specifications, E-Requirements, How to Inspect and Certify a BDA / ERCES System and Compliance Assurance.

Emerging Trends for Fire Service Personnel 2023 update: The hazards and processes exposed to first responders is ever changing. New products and processes are continuously being introduced. The best way to avoid injury to the public and first responders is to become aware of what these emerging items are and to begin to explore what they are and how they might affect responding personnel.

Energy Storage Systems Common issues with permit applications plan review and inspections: Throughout the United States, homes, businesses, and other properties are increasingly installing energy storage systems (ESS), often paired with solar PV. We will review background on the technology, safety standards, tests, and codes, and common issues with permit applications and plan review. The sessions will include ample time for Q&A, so please bring your questions and concerns. The workshop is designed for building departments, fire departments, installers, and manufacturers.

Energy Storage Systems and UL 9540 and 9540A: Throughout the United States, homes, businesses, and other properties are increasingly installing energy storage systems (ESS), often paired with solar PV. We will review background on the technology, safety standards, tests, and codes, and common issues with permit applications and plan review. The sessions will include ample time for Q&A, so please bring your questions and concerns. The workshop is designed for building departments, fire departments, installers, and manufacturers.

Energy Storage Systems Safety and Risks: Throughout the United States, homes, businesses, and other properties are increasingly installing energy storage systems (ESS), often paired with solar PV. We will review background on the technology, safety standards, tests, and codes, and common issues with permit applications and plan review. The sessions will include ample time for Q&A, so please bring your questions and concerns. The workshop is designed for building departments, fire departments, installers, and manufacturers.

ERCES and BDAs: Getting AHJs and Radio System Operators on the same page: An Emergency Responder Communication Enhancement System (ERCES) or commonly referred to as a Bi-Directional Amplifier (BDA) system is a Life Safety System like a fire alarm system. Emergency Responders - Firefighters, Police and Emergency Medical Services (EMS) rely on two-way radios operating on public safety frequencies for communications in everyday operations. For the benefit of those considering an ERCES / BDA, this course explains origins and requirements of applicable codes and standards, the importance of the emerging product performance listings and standards (UL 2524), the importance of collaboration throughout the process of evaluation, selection and installation, and the current certified offerings that are available.

Fire and Building Officials Working Together: In organizations, real power is through our relationships, how consistent we are at maintaining them and the importance of them. how important it is to be on the same page. live in the solution not the problem. This is about building and development and the importance of fire and building relations, the fire department is a very important part of my building department and if other building officials or fire chiefs do not recognize the importance of this relationship this course could possibly change their minds.

Fire Inspection Photography: Better Photos with a Smart Device: Smart devices can turn out some outstanding images, but they can't make up for bad technique. Learn the simple steps to becoming a better photographer. Even if you only have a smartphone, you can create great pictures and videos for your reporting. Ronda Scholting, PIO for West Metro Fire Rescue (Colorado) has some tips on the tools and techniques to help you. Scholting will discuss filming equipment including phones verse video cameras and go pros, microphones, tripods, and cold shoes. She will also educate attendees on editing options, shooting tips, and various apps that are available.

Fire Resistant Construction and the UL Resources for Fire Professionals: It's important for Fire Professionals to know how they can find out more information about Listed and Labeled requirements described throughout the codes, therefore we'll spend time understanding UL resources available to them regarding UL Test Standards, Product IQ, Manufacturer Instructions and Engineering Judgements. We'll discuss the importance of understanding Approvals and the difference of Approval vs Listings as designated in the codes.

Fire Sprinkler Plan Review: Examining fire sprinkler shop drawings, cut sheets and hydraulic calculations is a primary duty of the authority having jurisdiction. This course will provide a method of reviewing plans and other fire sprinkler documents that is efficient and thorough. Attendees will learn what documents to accept to start a review, what steps to take through the fire sprinkler design and systems review, and how to have confidence while reviewing hydraulic calculations. This course applies current codes and standards to fire sprinkler systems from the initial site plan review, through the construction documents, to the as-built drawings. Significant time on how to effectively communicate deficiencies to the design professional. Students will receive a pdf handout to print out and bring to class that provides detailed checklists with expert commentary that is useful to the fire sprinkler plan reviewer for years to come. Attendees must bring a copy of NFPA 13 to class.

Fire System Plan Review: Examining fire sprinkler shop drawings, cut sheets and hydraulic calculations is a primary duty of the authority having jurisdiction. This course will provide a method of reviewing plans and other fire sprinkler documents that is efficient and thorough. Attendees will learn what documents to accept to start a review, what steps to take through the fire sprinkler design and systems review, and how to have confidence while reviewing hydraulic calculations. This course applies current codes and standards to fire sprinkler systems from the initial site plan review, through the construction documents, to the as-built drawings. Significant time on how to effectively communicate deficiencies to the design professional. Students will receive a pdf handout to print out and bring to class that provides detailed checklists with expert commentary that is useful to the fire sprinkler plan reviewer for years to come. Attendees must bring a copy of NFPA 13 to class.

Florida Fire Prevention Code 61G: This course will teach attendees the thresholds at which signed/sealed engineering documents are required at the master permit level of building permitting for a wide variety of commonly encountered fire protection systems such as fire sprinkler systems, fire alarm systems, smoke control systems, clean agent systems, special hazard systems, etc. Once the thresholds for a design professional are explained, then attendees will learn through an interactive session the specific informational requirements that must be present in the engineering documentation received at the master permit stage in accordance with the Florida Administrative Code section 61G15-32.

Florida Fire Sprinkler Coalition: What You're Missing: Dynamic panel discussion on what the Florida Fire Sprinkler Coalition does to support fire and life safety, legislative efforts and education across the state. Additional discussion will be on how to become an active member and make a difference.

Giga Factory and Lithium-Ion Battery Safety: This presentation will explain the stages of lithium-ion battery manufacturing, safety risks at each stage during manufacturing, and solutions. It will cover various approaches AHJs have had to implement within their jurisdiction to prevent/minimize fire threats and protect people.

Inspecting Cancer Incidence and Cancer Prevention in Florida Fire Inspectors and Fire Investigators: Lessons from the Firefighter Cancer Initiative:

Fire inspectors and fire investigators make up a small fraction of the Florida Firefighter workforce yet are occupationally exposed to unique hazards and carcinogens in the workplace. Cancer remains a leading cause of death among the men and women employed in the fire service necessitating the need to study, analyze and determine risk factors that can be mitigated, as well as tracking exposures that can lead to long term health issues. The Firefighter Cancer Initiative (FCI) at Sylvester Comprehensive Cancer Center, designated by the NCI, aims to understand, and address why fire investigators and inspectors are at an increased risk of developing and dying of cancer relative to the populations that they serve and how it can be prevented. FCI addresses the cancer-related needs of the fire service. This presentation will not only discuss the work of the FCI, but how audience members can become participants and benefit from the work being done.

Leadership in the NFPA Fire and Life Safety Ecosystem: The NFPA Fire and Life Safety Ecosystem is comprised of six interrelated and separate parts that must work together for the built environment to be as safe as possible. When one or more of these cogs is deficient, the system fails and losses of life and property occur. This one-hour session will introduce the NFPA Fire and Life Safety Ecosystem and how building and code officials at every level of the organization – from front line inspector to code official – can demonstrate leadership within the this ecosystem of safety to ensure the safety of our communities.

Linear Heat Detection & Releasing Systems: Items to be covered during this presentation are: Fire alarm types, Dedicated Function on Fire Alarm Systems, Types of Linear Heat Alarms, Restoral, Non-restoral, Applications, Spacing, Installation, Code Requirements & Exceptions, and Manufacturer’s Published Instructions.

New Technology Showcase: During this session the student will interact with several individual companies. Each company will explain the new and emerging technologies they supply that the individual street inspector will be seeing soon if they have not seen them already. Each company will have new products available for the inspector to see firsthand and obtain knowledge of, while getting contact information from all the various entities for future follow-up. Documentation is made (via a sign in sheet with each company) confirming each company is visited and communicated with.

Public Fire Investigators’ Behavioral Approach to Fire Scene Investigation: Wrongful prosecutions for the crime of arson are occurring. An identified cause of this problem is the investigation processes used by public fire investigators. The prevailing literature revealed a host of issues beginning with the development of NFPA 1033 and 921, forensic science, and forensic fire investigation. It is suggested that the public fire investigators lack the requisite knowledge to be grounded in science for successful fire scene investigation, which then leads to wrongful prosecutions. By targeting these identified behaviors, policy writers and implementers can identify and develop new policy interventions for fire scene investigation to help eliminate wrongful prosecution. Then public fire investigators can be viewed as the professionals they strive to be.

Rapid Access Challenges Trends and New Technologies: This presentation will discuss, How Rapid Access plays a role with new industry challenges, The Growing Trend of Multi-Jurisdictional Response, How has COVID Impacted Response Strategies, the impact of EV Charging Station Growth in Florida, The Importance of Asset Tracking, the Response Challenges to Growth of Seniors, and Being Prepared for the Increase of Carbon Monoxide.

Safety of data center UPS backup batteries: Environmental safety in a data center is of paramount importance, particularly as they relate to fire hazards of specific battery chemistries that are commonly installed as battery energy storage systems (BESS) to provide backup power to UPS systems. This course will discuss 3 chemistries – lead acid, lithium ion and nickel zinc – and discuss how each stacks up as a potential fire hazard when tested to industry standards.

Special Locking Arrangements: Special Locking Arrangements- “Locked In, Locked Out or Locked Up” – A dynamic introduction to different door types, special locking arrangements and the relationship with your community partners.

Stage Theatre Fire Safety: Fire safety on stages is a big issue. On theatre stages, the presence of hot lights, props and electrical sparks near flammable textiles significantly increases the risk of fire. The presentation will explain existing codes, review different test methods, discuss flame retardant treatments for drapes, provide information on applying flame retardant treatments to draperies.

Tall Mass Timber Construction: This Course introduces firefighters and fire inspectors to tall mass timber (TMT) buildings (that can be constructed up to 18 stories in some cases), the history of cross laminated timber (CLT), how it is made and its properties. The Course outlines the new code requirements in the International Building Code (IBC) and discusses the extensive fire testing that was conducted. The program addresses specific fire service concerns.

The Future of Fire Prevention and Protection in Florida A Town Hall Meeting: This program is a panel discussion among a select group of local, state, and national fire code officials. All the individuals have twenty-five years plus of experience in the fire service. The presentations and discussions will focus on the potential evolution of the field of fire prevention in the next ten to twenty years. The goal of the program is to cause the student to think beyond their current environment so they can confront the future challenges as an organization and for their own professional growth. This is an extended version of a previously approved program to allow for more topics to be covered and more interaction with the audience.

The new crisis in Commercial Fire Communications The truth about alternative pathways: During this presentation, we will discuss the underlying problems with POTS connectivity at all levels of communication, the symptoms being felt today, and how regulatory changes are impacting the adoption of alternate technologies. We will also take a deep dive into the alternatives that have been used for years, how they have evolved, and most importantly some of the new entrants that have begun to flood the market, taking advantage of the POTS situation.

The Science of Carbon Dioxide and CO2 Monitoring: “The Science of Carbon Dioxide and CO2 Monitoring” is a science based educational session designed to teach: the basics of carbon dioxide gas, its health effects, typical applications in the community, current and upcoming codes, and basics of CO2 detection to inspectors, plans reviewers, Marshals, HAZMAT teams, and building officials.

Understanding the Compete Process for ERCES and Passing Radio Coverage: There are many aspects of ensuring a building should be approved from a public Safety radio communications point of view. We will explain the detailed process to achieve this, including: The roles of the various parties: Fire Marshals and Code officials, Radio System Operators and Licensees, Integrators and Service companies and Building Owners and Property Managers, The information that needs to be exchanged: networks and frequencies to test, test instructions, criteria for a passing test, floor plans, test plans for review and approval, coverage tests results for code compliance approval, ERCES commissioning results for licensee approval, BDA information, etc., Proper management and tracking of the information.

Vacation Rentals and Your Responsibility: This presentation will outline the Florida State Statutes mandating local fire authorities' responsibilities as they pertain to Transient Public Lodging Establishments/Vacation Rentals. In addition, it will discuss ways individuals have successfully reached out to stakeholders, educated them, got their buy-in, and ultimately made the transition to fulfilling our state mandate.

To become a member of FFMIA or for more information on these events go to www.ffmia.org



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2024 Joint FAFLSE and FFEIA Conference

June 4 – 7, 2024

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