



IAAI Illinois Chapter
29th Annual
Fire Investigation Training Conference
September 10-14, 2012
Champaign, Illinois

Held in cooperation with the Illinois Fire Service Institute & Office of the State Fire Marshal

Russ Nummer
C/O Fire Scene Investigations
16249 107th Ave.
Suite #3
Orland Park, IL 60467

Hawthorne Suites Hotel – Champaign

101 Trade Center Dr.
Champaign, IL 61820
217-398-3400

SAME LOCATION !!

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ROOM RATES - \$79.00

Contact hotel directly for reservations.
Please indicate you are with the Illinois Chapter – IAAI to insure the discounted rate

SILENT AUCTION

The Chapter will conduct a silent auction of various donated fire service or fire investigation related items. Items will be on display throughout the conference and may be bid upon at any time. The auction will end on Thursday night prior to the Buffet Dinner.

Here is a chance for you to clean out your attic and donate items that may be the treasures others have been looking for. Items may include: Department patches, T-shirts, posters, fire regalia, books, etc.

All proceeds from the auction will go to the Training & Education Fund to offset future training events.

For more information contact:

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Fire Scene Investigations
16249 107th Ave Suite #3
Orland Park, IL 60467
708-588-1970
nummer@rayburnfsi.com

Thomas Wegner
State Farm Insurance
1400 Opus Place
Downers Grove, IL 60515
708-774-9741
Thomas.Wegner.c6c1@StateFarm.com

Each attendee will be provided a 2GB flash drive that will contain all course materials and handouts. There will NOT be paper handouts for the classes.

The Illinois Chapter - IAAI reserves the right to change program content, scheduled speakers, or venue without advanced notice. The opinions expressed by speakers are the opinions of the individual and may not necessarily be endorsed by the IL-IAAI.

Registration Opens Sunday, September 9th at 1800 hours

Scheduled Training and Speakers

THE INVESTIGATION OF VEHICLE FIRES RELATED TO THE INSURANCE INDUSTRY

Bob Atwater - State Farm Insurance - 20 years - Auto SIU Retired US Army Reserve - 21 years Certified Instructor in Auto Theft for Illinois State Police I will be presenting a one hour block of instruction on Insurance Fraud as it relates to Auto Theft. I will specifically cover some statistics regarding auto theft as well as how a claim is identified for the Special Investigative Unit. I will close by covering how the Insurance Industry follows the statutes in dealing with law enforcement and other governmental entities.

Mike Lanxon, IAAI-CFI - Mike is a Senior Fire Consultant and part-owner of Midwest Fire Consulting Group, LLC. Mike has been involved in the insurance industry regarding fire and explosion investigations for over 25 years. He is also currently a Battalion Chief for the City of Belleville Fire Department with over 35 years of experience in the fire service and investigations. Mr. Lanxon attained an AAS degree in Fire Science from Southwestern Illinois College in 1991 and his IAAI-CFI certification in 1989. (2nd part) Mike will be discussing the investigation of vehicle fires, including burn pattern recognition, fuel packages and potential causations as related to the insurance investigation.

Randy Bicknese, P.E. -Mr. Bicknese graduated with a Mechanical Engineering Degree from the University of Missouri and is a registered Professional Engineer in several states. Since joining Schaefer Engineering, Mr. Bicknese has been involved in product failure analysis with extensive knowledge of vehicle systems related to the causation of fires. (3rd part) Mr. Bicknese will be discussing the various mechanical and electrical aspects that can contribute to system failures in vehicles.

Corrugated Stainless Steel Tubing Fires: Struck By Lightning

Thin and flexible, corrugated stainless steel tubing has rapidly become one of the preferred gas pipes for residential gas installations over the last fifteen years. As the product became settled in the marketplace, a common scenario revealed itself: these gas lines could fail if they became energized by lightning and cause a gas-fed fire. This presentation will focus on the evolution of the product, gas systems in general, the nature of fire losses of associated CSST and the litigation that has arisen because of these fires.

Anthony Morrone is a member at the law firm of Cozen O'Connor, practicing from their Chicago office. He is currently co-chairman of Cozen O'Connor CSST Task Force. Tony began practicing law in 1999. He focuses his practice on subrogation and recovery matters for losses occurring in various states throughout the country. Tony is a 1996 graduate of the University of Illinois with a degree in economics. He received his law degree in 1999 from The John Marshall Law School in Chicago. He has tried and arbitrated over a dozen cases and has mediated more than a hundred others. He has handled the investigation and litigation of hundreds of fire-related matters.

Todd Lavieri – Omnitek Engineering

Social Media for Investigators – A 2012 Approach, Robert Rullan – Rullan Global Consulting Group

The world is changing. Technology has changed. We cannot afford to continue to do business the same way we always have. "Social Media for Investigators" provides look into the fascinating world of social media, thru the eyes of law enforcement officer. This is presentation where investigators learn about the interesting and ever changing world of social media. We will see what is, and what isn't, available in this virtual world. We will discuss legal issues, practical approaches, and monitoring tools. In today's world, criminals are often up to speed on the latest technology. Isn't it time we caught up?

Robert Rullan is Public Safety Officer (police officer/firefighter/EMT) with the Sunnyvale Department Of Public Safety. Robert has served in the patrol division as a patrol officer and Crime Scene Investigator. He is currently assigned to the Fire Prevention Unit as Fire Inspector and Arson/Fire Cause Investigator. He is also the Training Coordinator for the Santa Clara County Fire Investigation Taskforce. Robert Is the President/CEO of Rullan Global Consulting Group, consulting firm specializing in Social Media for Public Safety. Robert believes that we as investigators need to learn more about the interesting world of social media, and how the information contained therein can be effectively used in investigations. Robert lives, works, and plays in Silicon Valley, CA.

DETERMINATION OF FIRE ORIGIN - INTRODUCTION TO HEAT AND FLAME VECTOR ANALYSIS

The investigation and analysis of the origin of a hostile fire incident is a complex scientific endeavor primarily requiring the appropriate analysis of fire effects and fire patterns, the evaluation of witness observations, the employment of arc mapping if applicable and the evaluation of fire dynamics. While this illustrated and interactive lecture will explore the nuances and interrelationships of each, it will focus on the analysis of fire effects and fire patterns through a systematic analytic process known as heat and flame vector analysis. Participates will interactively examine an actual hostile fire incident while employing the process.

COMPARTMENT FIRE DYNAMICS - UNDERSTANDING FIRE PLUME DEVELOPMENT AND POST-FLASHOVER VENTILATION EFFECTS

The formation and subsequent manifestation of fire patterns within a compartment has its roots in the development and progression of the associated fire plume. This illustrated lecture featuring demonstrative videos examines the dynamics of a fire plume's development and progression within a compartment, the formation of fire patterns during that development and progression, the compartment's potential transition into flashover and the associated post-flashover ventilation effects.

M.J. Schulz & Associates, Inc. is headed by Michael J. Schulz, an internationally known fire and explosion investigator and analyst and a fire and safety engineering technologist. He has been involved in the investigation and analysis of hostile fire and explosion incidents that have occurred both in the United States and abroad. Mr. Schulz holds a Bachelor of Science (B.S.) degree, Magna Cum Laude, from the University of Cincinnati in Fire and Safety Engineering Technology. He also holds certification as a Certified Fire and Explosion Investigator (CFEI), Certified Fire Protection Specialist (CFPS), Certified Vehicle Fire Investigator (CVFI), Certified Canadian Fire Investigator (CCFI) and Certified Fire Investigation Instructor (CFII). Mr. Schulz has served as a charter member of the National Fire Protection Association's (NFPA) Technical Committee on Fire Investigations and, as such, was one of the original authors of the National Fire Code, NFPA 921, entitled Guide for Fire and Explosion Investigations, which is the recognized and accepted standard of the fire and explosion investigation and analysis profession. Having previously served on the technical committee for 17 years as a principal member, he currently serves as an alternate. Mr. Schulz has also served on the International Fire Service Training Association's Material Review Committee for its training manual entitled, "Origin and Cause." More recently, he was also selected to serve on that organization's Material Review Committee for its training manual entitled, "Fire Investigator."

"The Circumstantial Arson Case: Investigative Techniques and Strategies"

Cynthia Bernstiel concentrates her practice in the areas of arson and fraud investigation and litigation. A former top prosecutor from the District Attorney's Office in Montgomery County, Pennsylvania, Ms. Bernstiel served as Chief of the Investigating Grand Jury in which capacity she oversaw complex, multi-jurisdictional criminal investigations including, but not limited to, arsons and white collar crimes. She also tried numerous cases to verdict, including drug and sex crimes, violent felonies and homicides. Both as a prosecutor and then as a civil litigator, Ms. Bernstiel developed vast experience in the investigation and defense of suspected insurance fraud claims. She conducts in-depth, multifaceted investigations on behalf of her insurance industry clients on a daily basis, and routinely conducts examinations under oath of policyholders in connection with all types of suspicious insurance claims, including arsons, residential and commercial burglaries, and claims involving income tax, bankruptcy and mortgage fraud, among others. Ms. Bernstiel frequently lectures on the topics of arson and fraud investigation and techniques, as well as fraud-related insurance coverage issues.

Meth Labs

The class will cover the basics of meth labs, how to recognize one, the dangers involved for responders and the general public, and what to do if one is found.

Dan Reynolds, President, Chicago Crime Scene Cleanup - Chicago Crime Scene Cleanup has been safely dismantling and disposing of meth labs for the DEA since 2007. We are one of only a handful of contractors in the Midwest who are DEA-certified, properly trained, and properly equipped to handle the many hazards at the labs. Dan Reynolds, the President of CCSC, has been on well over 100 labs in that time, and is responsible for the safe categorization, packaging, transportation, and disposal of these labs. In addition to meth labs, there have been MDMA, PCP, LSD labs and large marijuana grows, along with a mushroom farm in the list of responses. CCSC has successfully integrated responses from local fire departments, police departments, FBI, ATFE, local bomb squads, and HAZMAT teams when needed.

CONFERENCE SCHEDULE

Monday Sept. 10	Tuesday Sept. 11	Wednesday Sept. 12	Thursday Sept. 13	Friday Sept. 14
<p><u>0800 - 0845</u> Opening Ceremonies</p> <p><u>0900 - 1200</u> VEHICLE FIRES Bob Atwater Mike Lanxon Randy Bickneese</p>	<p><u>0800 - 1200</u> SOCIAL MEDIA INVESTIGATIONS ROBERT RULLAN</p>	<p><u>0800 - 1200</u> HEAT VECTOR ANALYSIS/ PLUME DEVELOPMENT/ POST FLASHOVER VENTILATION AFFECT MIKE SCHULZ</p>	<p><u>0800 - 1200</u> ANALYSIS OF SCENE BURN PATTERNS MIKE SCHULZ</p>	<p><u>0800 - 1200</u> METH LABS DAN REYNOLDS</p>
<p><u>1200 - 1300</u> LUNCH (Provided)</p>	<p><u>1200 - 1300</u> LUNCH (provided)</p>	<p><u>1200 - 1300</u> LUNCH (provided)</p>	<p><u>1200 - 1300</u> LUNCH (provided)</p>	
<p><u>1300 - 1700</u> CORIGATED STAINLESS STEEL TUBING FIRES ANTHONY MARRONE TODD LAVERI</p>	<p><u>1300 - 1700</u> SOCIAL MEDIA INVESTIGATIONS ROBERT RULLAN</p>	<p><u>1300 - 1700</u> SCENE EXAMINATION HEAT VECTOR ANALYSIS/ PLUME DEVELOPMENT/ POST FLASHOVER VENTILATION AFFECT MIKE SCHULZ</p>	<p><u>1300 - 1700</u> CIRCUMSTANTIAL ARSON CASES CYNTHIA BURNSTIEL</p>	
<p><u>1800 - 2000</u> BBQ Dinner Mixer</p>	<p><u>1715</u> Annual Chapter Meeting</p>	<p><u>1800 - 2000</u> MIKE SCHULZ</p>	<p><u>1800 - 2000</u> Chapter Banquet Dinner</p>	
<p><u>2000 - 0100</u> Hospitality Room</p>	<p><u>2000 - 0100</u> Hospitality Room</p>	<p><u>2000 - 0100</u> Hospitality Room</p>	<p><u>2000 - 0100</u> Hospitality Room</p>	

For IL-IAAI Administrative Use Only

Check # _____

Date Received: _____

Conference # _____

Conference Objectives

- ~~///~~ Provide comprehensive instruction regarding the investigation of fire cause
- ~~///~~ Provide a forum for interaction between those responsible for civil and criminal investigations
- ~~///~~ Assist in the development of professional credentials for those involved in the field of fire investigation
- ~~///~~ Teach the highest standards of professional ethics

Conference Examinations

An optional test will be given at the end of each class. If you choose to take the exam and pass, the hours will be considered tested re-certification points that are eligible for the IAAI CFI Program.

Certificates of Completion will be emailed at the conclusion of the conference.

Official registration form for the IL-IAAI Fire Investigation Conference -Sept. 10-14, 2012

NAME: _____

TITLE: _____

ORGANIZATION: _____

PHONE CONTACT: _____

STREET ADDRESS: _____

CITY: _____

STATE: _____

ZIP: _____

EMAIL ADDRESS: _____

- ~~///~~ IL Chapter Members \$200.00
- ~~///~~ Non-Members \$215.00*

Make checks payable to: Illinois Chapter IAAI

Send To: Russ Nummer
Fire Scene Investigations
4220 W. 95th St. Suite #3
Orland Park, IL 60467
nummer@rayburnfsi.com
708-588-1970
708-588-1973 Fax

Online Registration
www.il-iaai.com

* Includes an Associate Membership in the Illinois Chapter

** Cancellations subject to a 50% fee if received after August 25, 2009. No refunds will be made for any cancellations received after September 1, 2009. Substitution of registrants will be allowed only if notification of substitution is made prior to September 14, 2009.

Disclaimer: No liability is assumed by the IL-IAAI for changes in program content, speakers, or venue. The IL-IAAI reserves the right to cancel, alter or substitute any class or instructor without advanced notice. The speaker's presentation and content of his program is the responsibility of the individual instructor and not necessarily endorsed by any of the persons or organizations associated with this seminar.