

Investigative Engineers Association (I-ENG-A[®]) Convention 2016

INVESTIGATE - EDUCATE - RESOLVE



Convention 2016 Preliminary Agenda and Early Registration

October 9-12, 2016

Atlanta, Georgia
Embassy Suites—Atlanta—Airport



Investigative Engineers Association (I-ENG-A®) Convention 2016

INVESTIGATE - EDUCATE - RESOLVE

It is with great pleasure that we announce the Investigative Engineers Association (I-ENG-A) Convention 2016. This year's convention will expand on our current marketing and sales processes by giving us new marketing automation tools and a CRM designed specifically with I-ENG-A in mind. The convention will also feature three major technical topic areas.

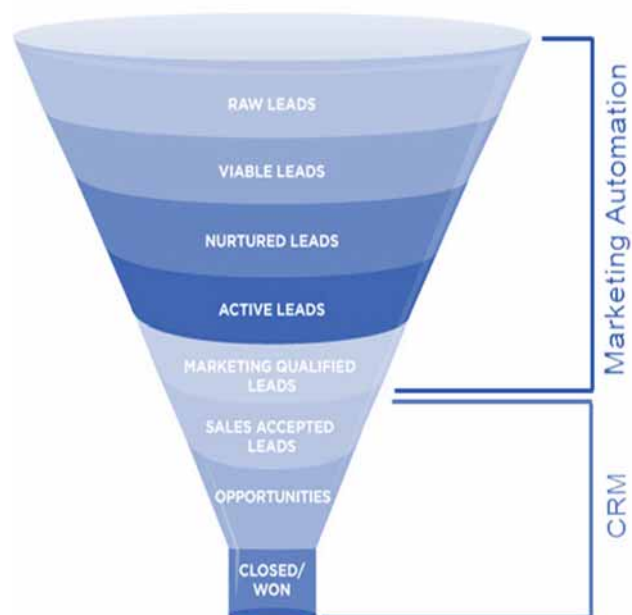
While the complete details are still being formalized, the following 2016 Convention Topics are being organized for presentation in the form of technical sessions, various sales and marketing topics, an Accident Reconstruction Precertification Workshop and an important fire investigation update for NFPA and 1033 Recertification through the Investigative Engineers Association.

The accident reconstruction sessions will also give you the opportunity for certification for traffic accident reconstruction and prepare you for the ACTAR test, a designation sure to help you grow your automotive / vehicular investigation analysis tributary.

The following is a preliminary breakdown of topics:

- 1-4 Hours - Structural with a Focus on Forensic Issues
- 8 Hours - Automotive Accident / Crash Reconstruction Workshop and Certification
- 8 Hours - Fire Investigation Recertification: NFPA 921 and 1033 Advanced Session
- 1 Hour - Ethics
- 1.5 Hours - Marketing Automation and CRM Software
- 2-4 Hours - Marketing

The marketing portion of the event will feature details about marketing automation and customer relationship (CRM) management software specifically designed for our group, which includes many tools to help member firms develop and nurture leads to ultimately develop new relationships.





CONVENTION 2016 PRELIMINARY AGENDA

Sunday, October 9, 2016

Arrive early and visit Centennial Park, the World of Coke and the Georgia Aquarium, The Worlds Largest Aquarium!

5:30 pm – 7:30 pm Welcoming Cocktail Reception



Monday, October 10, 2016

8:00–8:30 Welcome and Introductions

8:30–10:00 Marketing Automation and CRM (Customer Relationship Management) Software
By I-ENG-A of Illiana, Tom Burtress, PE and Neal Clark

10:00–11:00 Marketing the Legal Side
By Dr. Neil Wexler, PE, Wexler & Associates

11:00–Noon Job Processing for National Accounts

Noon–1:00 Lunch

1:00–2:00 Ethics

2:00–3:00 Structural Monitoring Technology—Jason Teetaert, P.Eng.

3:00–5:00 Marketing Workshop, Structural Topic or Case Sharing TBD



The Forensic Trifecta

CONVENTION PRELIMINARY AGENDA CONTINUED



Tuesday, October 11, 2016

Accident Reconstruction – Pre-Certification Training (8 Hours): Elvin Aycoc, PE, ACTAR, I-ENG-A Advisor

A workshop for Traffic Accident Reconstruction training for those that wish to know the nuts and bolts of performing a vehicle reconstruction starting with the tools needed to inspect the scene and the vehicles. This workshop will cover many types of traffic accidents and the calculations required to determine speeds of vehicles at the time of the impact and/or at the time the vehicle started braking.

This is a workshop and all participants should bring a calculator.

Topics include:

- Basic equipment needed,
- What information to obtain from the insurance adjuster,
- Equations used in traffic accident reconstruction,
- Determining speeds from skid marks,
- Determining speeds from vehicle damage,
- Inspecting the scene and documenting the scene data,
- Inspecting the vehicle,
- Measuring the crush damage to a vehicle,
- Calculating the PDOF (Principle Direction of Force),
- Angle of approach to impact and angle of departure,
- Perception and Reaction time,
- Conservation of Momentum and Conservation of Energy.

SPECIAL GUEST: Sebastian Bawab, Ph. D.

Sebastian Bawab, Ph. D., has taken over the position previously filled by the late Henry F. Sadler, PE, I-ENG-A Biomechanical Advisor with Vecdyne. Dr. Bawab will give us an update about his capabilities and the opportunities available to us and how we can utilize his services in conjunction with accident reconstructions of all types (vehicular +).

Dr. Bawab and his team are experts specializing in computational biomechanics - MADYMO, accident reconstruction and structural failure analysis - LSDYNA. These capabilities are unique and available to you when you send your information to Dr. Bawab and his team to complete the analysis, report, and testify for your case.



CONVENTION PRELIMINARY AGENDA CONTINUED



Wednesday, October 12, 2016

I-ENG-A - Advanced NFPA 921 and 1033 Recertification Class **8 Hours**
Edgar K. Riddick III, PE, I-ENG-A Advisor

I-ENG-A POSITION ON 2014 NFPA 1033

As you know the leadership of I-ENG-A has tasked me to keep our training of new members, and the group at large, current to the continued tightening of the "accepted" qualifications for investigators to investigate fires.

The latest version of 1033 has added a paragraph 1.3.8 which requires fire investigators to be "current" with information etc. The problem is that it does NOT define "current". The International Association of Arson Investigators (IAAI) has a teaching video on CFITrainer.com that specifically defines "current" as 5 years, and goes out of their way to say if you have not had fire training within 5 years, you will be disqualified as an expert.

I have personally interviewed a couple of the folks that are on both NFPA 921 as well as NFPA 1033 committees on this very issue. They could not officially answer the question of what is "current". I was referred further up the line to Ms. Debra Keeler, the Executive Director of CFI, who requested that I make an official written inquiry to the World Congress of CFI, which IAAI is a key member of and who sits on the board. This issue was brought to the floor of this organization in London, England earlier this year. The issue was not officially settled, thus there is no legal or official ruling as to what is "current".

This is a hot topic, and will not go away.

I have recommended to I-Eng-A that our group take a conservative approach to this matter, and also advise our membership to have all of their PEs, who do fire investigation, be retrained in a 8 hour session every 5 years. Again, this is not a legal question, but it is a safe approach for you. It also is smart for you and your fire investigators to be up on the latest and newest definitions, opinions and positions, as well as any requirements from NFPA.

You can achieve this recertification by one attending the training sessions, in Fort Lauderdale, or you can attend the last day of this year's convention, which will also have an 8 hour recertification class.

This class will not be offered at every convention.

If any of you have any questions, please don't hesitate to call me at (501) 666-7300.

Respectfully submitted,

Edgar K. Riddick III, P.E.,
I-ENG-A Advisor



ABOUT THE EMBASSY SUITES—ATLANTA AIRPORT

Located within a half-mile of Hartsfield - Jackson Atlanta International Airport and the Airport MARTA Station, the Embassy Suites by Hilton Atlanta Airport hotel offers a complimentary shuttle to the Domestic Terminal. Discover the ideal destination for business trips or short stays in Atlanta at this airport hotel. Nearby Atlanta attractions include Turner Field and downtown Atlanta, as well as shopping, dining and entertainment. Conduct business easily near many businesses, corporations, and the Georgia International Convention Center.

Choose from a range of spacious two-room suites at our hotel near Atlanta Airport. All rooms feature a private bedroom and separate living area with a kitchenette that includes a refrigerator, microwave and wet bar.

Keep up your fitness routine and exercise in the modern fitness center, or swim lengths in the indoor pool. Start the day off right with a delicious, free made-to-order breakfast in the hotel's atrium. At the end of the day, unwind over complimentary drinks and snacks at the Evening Reception*. Savor continental cuisine from the extensive menu at Perfect Landings Grill & Bar, and enjoy casual dining in a relaxed atmosphere.

Highlights

- All-suite hotel rooms with separate bedroom and living areas
- Free made-to-order breakfast and complimentary Evening Reception*
- Separate indoor and outdoor pools
- On-site restaurant and bar
- Over 6,500 sq. ft. of flexible meeting space

Group Rate / Single King : \$139.00

Early Reservation Cutoff: August 20, 2016

Embassy Reservations at 1-800-362-2779 (1-800-EMBASSY).

Please ask your attendees to request the group rate for the Investigative Engineers Association (IENGA). The reservations group code for your event is IEA. The special room rate will be available until Tuesday, September 20, 2016 or until the group block is sold-out, whichever comes first.

Your guests can also use the link below to make on-line reservations.

Your web page address is: http://embassysuites.hilton.com/en/es/groups/personalized/A/ATLSPES-IEA-20161009/index.jhtml?WT.mc_id=POG

Group Name: INVESTIGATIVE ENGINEERS ASSOCIATION
 Group Code: IEA
 Check-in: 09-OCT-2016
 Check-out: 13-OCT-2016
 Hotel Name: Embassy Suites by Hilton Atlanta Airport
 Hotel Address: 4700 Southport Road, Atlanta, Georgia, 30337
 Phone Number: 404-767-1988



CENTENNIAL OLYMPIC PARK AND ...

There are a number of museums and things to do while you are in Atlanta that are just so neat, we have organized them here for you. We do recommend taking an afternoon to go Downtown to the Centennial Olympic Park area where you can visit many of the monuments from the Olympics, visit the **Worlds Largest Aquarium**, visit **CNN** for a tour, go to **The World of Coke** or **The High Museum of Art**. All of these museums are located Downtown in walking distance to the MARTA station. The Atlanta History Center is in the heart of Buckhead, which is also accessible from MARTA. And, the Botanical Gardens are right in Midtown, again accessible from the MARTA transportation system located at the airport, a short free shuttle from our hotel.

ALL IN AN AFTERNOON...

If you only have an afternoon, taking the MARTA train downtown will land you within walking distance to several of the museums. You can buy a pass that will give you entrance to both the **Aquarium and World of Coke**, which are located next door to one another and well worth seeing.

The Aquarium and The World of Coke pass can be purchased at www.georgiaaquarium.org museum pass for both the Aquarium and World of Coke.

OR ENJOY THE WEEKEND IN ATLANTA!

If you have a few days to play, you may want to consider purchasing an [Atlanta City Pass](#). This will grant you entrance to 6 parks / museums:

- *** The Worlds Largest Aquarium: <http://www.georgiaaquarium.org/>
- *** The World of Coke: Experience 100+ sodas from around the world!
<https://www.worldofcoca-cola.com/>
- *** CNN: <http://www.cnn.com/tour/>

The Atlanta Zoo: <http://www.zooatlanta.org/>

And, your choice of the:
Fernbank Museum of Natural History or Atlanta's Botanical Gardens

And, your choice of:
The High Museum of Art or The Atlanta History Center





INVESTIGATIVE ENGINEERS ASSOCIATION CONVENTION 2016 REGISTRATION

FIRM NAME: _____

CONVENTION FEES: Early Registration due by 7/15/2016

\$550.00 for first registrant, \$650.00 after 7/15/2016
\$425.00 for each additional registrant, \$525.00 after 7/15/2016
\$200.00 Spouse Registration

Day Pass: \$200 per day (early bird) \$250 after 7/15/2016

Non-Member (by invitation only) Fee: \$1200 (or \$400/day)

____ Marketing and Structural (1)
____ Accident Reconstruction Pre-Certification (2)
____ Fire Investigation Recertification (3)

NAME:

- | | | | | |
|----------|--------|---|---|------------|
| 1) _____ | Day: 1 | 2 | 3 | Fee: _____ |
| 2) _____ | Day: 1 | 2 | 3 | Fee: _____ |
| 3) _____ | Day: 1 | 2 | 3 | Fee: _____ |
| 4) _____ | Day: 1 | 2 | 3 | Fee: _____ |

Total: _____

Spouses or Guests not attending convention, who may join us for the event, cocktail reception, attend luncheons Monday, Tuesday and Wednesday:

Guest: _____

Guest: _____

Guest: _____

Please mail your registration form and payment for receipt by our offices no later than 7/15/2016 to receive discounted rate. Call 844-217-6975 to register or members may register online at www.ienga.com.

Investigative Engineers Association
10001 W. Oakland Park Blvd., Suite 301
Sunrise, FL 33351

The Forensic Trifecta