



Indiana IAI Lab & Scene

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2005 Indiana IAI Conference a Success!



This year's conference was held on October 17, 18, and 19th at the Hilton Hotel in downtown Indianapolis and I feel was one of the best conferences ever. Once again the Indiana IAI board stepped up the caliber of the program. Speakers from the FBI, IUPUI, local agencies and even CBS' CSI made the conference great!

The board also increased the number of vendors this year. This allowed conference attendees to look for new and cutting edge technology. As always, we would like to thank the vendors for their support this year.

Downtown Indianapolis provided lots to do while attending the conference. Members spent time shopping at Circle Center Mall and dining at local restaurants. There was even a Monday Night Football game to attend!

From the variety of speakers on numerous topics to seeing John Madden and Al Michaels in the lobby of the hotel, made this year's conference exciting, as well as informative. It will be tough to top the experience of the 2005 Indiana IAI conference.



Indiana State Police Say Good Bye to a friend, as Sgt. Frank Aldrich Retires



As a founding member of the Indiana Division of the IAI, I am very excited to see the number of you in attendance at this the 12th conference. This organization started with barely a dozen people. Look at how we have grown! Our conferences were first held at the ISP museum. Some conferences were at the State Fair Grounds. We had some conferences at the Indianapolis Airport Holiday Inn. Here we are today “Downtown.” (Indianapolis) At those first conferences we were lucky to get one vendor to come. Here there were six. I have served this organization as Vice-President, President and Chairman of the Board and the occasional sound technician.

But this organization is not here today because of anything I have done. It is only with the support of you, its members, that the Indiana Division of the IAI is what it is today. As you its members encourage others to become members, tell your chief or sheriff about the quality and value of information and instruction you have received during these three days. As you its members are willing to serve as a board member, president or vice president, as you the members tell the Board Members, President or Vice-President what you liked or did not like, as you make suggestions for topics or speakers, you the members can help them plan for future conferences. As you the members do this, the Indiana Division can only get better.

I have been with the Indiana State Police for 26 years. Sixteen years in the Laboratory doing latent print exams, footwear/tire track exams and physical comparisons. During this time I have worked with several of you. Hopefully during the time you have known me, I hope I have helped you. I hope I have made a difference. My vision, my purpose, my mission, my job was to help you, the investigator or the prosecutor do your job better. Many times I have been asked what's the biggest case you have worked on. I have worked a triple homicide from St. Joe County. I have worked the homicides of a Lake county police officer and his wife. I have worked a check fraud from Carroll County. I have worked a drug case with 20 kilos of marijuana. Which of these is the most important? Sometimes you may have said to me this case is not a big deal or this is not important, nothing to get excited about. But I want you to understand this about how I worked any case and every case. Whether it was a triple homicide, robbery attempt of the last stop and rob or someone broke into Grandma's house and took her casino money. To somebody it is a big deal. To somebody it is important and it had damn well better be important to me. So what is the most important case I have ever worked. All of these cases were important. But the most important case I have ever worked is one I have not worked yet.

See Frank Aldrich on Page 3



Frank Aldrich

The most important case to me is the next one you bring to me. Because that next case is important to someone, it is important to me. I want to read you an excerpt from an address given by Charles Illsley, on Oct. 26, 1998. At the time he was President of the IAI. (parent body)

“Who will speak for me? I spent the last moments of my life terrified. I suffered unspeakable horror. I died alone. I am one of the countless whose only common fate is attack by the violent. Prey to the predator, innocent to the evil, an object to the insane. Who will speak for me? My death scene bears the name Jonesboro, Lake City, Interstate 5, World Trade Center, the Federal building in Oklahoma and Petaluma, California. My death scene is a nameless landmark, field, hillside, swamp or back alley. Who will be heard when my voice is silenced? When legal rules confuse my story? When media frenzy is deafening over my words? Who will speak for me when my name is forgotten? When my memory fades? When the immoral is immortalized? When the morbid knows Zodiac, Unabomber, Son of Sam and Nightstalker, but they can't remember my name. Who will speak for me in the courtroom when my survivors sit muted? When a jury hears, I'm to blame, it's my fault. Or, “I deserved this?” Let not my cause become your crusade rather, let your work speak for itself. Then I will be heard from my grave. Hold fast to the knowledge you possess. Stand firm by the truth your science proves. Speak that my name is not forgotten, that my family knows peace, that my death, while tragic, is understood, that no one else suffer my fate at his hand. Who will speak for me? Ladies and gentlemen, forensic science is a powerful tool. It is objective, precise, impassioned. It's veracity is self-evident. Juries believe it. Your work speaks for the victims. It brings closure to families. It restores trust in law enforcement. It ends a plague of violence...”

This, the 12th conference of the Indiana Division of the IAI will be the last conference I attend as a latent print examiner for the Indiana State Police. I am retiring from the Indiana State Police. My last working day will be November 23, 2005. I begin working for the Florida Department of Law Enforcement in Fort Myers, FL on December 2, 2005 as a latent print examiner.

I am proud to be associated with you and the work we have done. Ladies and gentlemen remember every case you work no matter how seemingly ordinary and routine. It is important to someone. If for nobody else, it is important to you.

Thank You.”

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2005 Indiana IAI Conference Photos



megaMAXX™

ALTERNATIVE

The UV & Visible Spectrum

The basis of Alternate Light Source Technology is to be able to visualize items of forensic interest that are otherwise invisible in natural light. When examining items with UV light, the fluorescence created is visible to the naked eye. When using lights that operate at longer wavelengths—that is, lights operating in the visible spectrum (shown below)—the light from the source often overpowers any fluorescence present. For this reason, a barrier filter is used to block the visible light, allowing the viewer to see the fluorescence.



A new focus for Alternate Light Source Technology!

The megaMAXX™ ALS System was developed by SIRCHIE® to assist the investigator at the crime scene or in the lab. It consists of handheld, machined-aluminum, and self-contained light sources—each operating at or very near the light frequency marked on the individual lights. This system covers the light spectrum from longwave 395nm ultraviolet up to the red region of 625nm. To facilitate general crime scene searches, a white light megaMAXX™ is included.



MMX100 Kit and Components

Maximizing Your ALS Search Capability

Seven Visible Light Sources measuring 5.31" in length with a barrel diameter of only 1.06", weigh a mere 5.45 oz. with batteries. Each is fitted with a single, very high intensity, 1-watt Light Emitting Diode (LED) constructed to provide visible light at its specific frequency. They are powered by (3) AAA alkaline batteries.

LED technology means there are no filters mounted on these lights. Other ALS systems use a white light filtered to remove all but the desired light frequency, causing light loss.

megaMAXX™ Light Diffuser—Due to the light intensity, certain applications may require a less intense, softer light. To provide softer light, we engineered a diffuser that easily slips on and off the seven (7) visible light sources.

megaMAXX™ UV Light should always be employed in the preliminary examination and location of physical evidence. Measuring 4.75" in length with a barrel diameter of .88", the 395nm UV Light only weighs 3.52 oz. with batteries. Because the five (5) UV LEDs operate from two (2) CR123 Lithium batteries, its design differs from the visible light sources.

The megaMAXX™ Tripod allows for hands-free processing. It features a flexible gooseneck extension for a maximum height of 14". Not only does this enable precise positioning of the light over the area being processed, but aids in facilitating photographs as well.

Barrier Filters & Goggles are needed to block visible light in order to see fluorescence. The megaMAXX™ System provides barrier filter goggles in Yellow, Orange and Red as well as similarly colored 52mm camera barrier filters to photograph the resultant fluorescence.

The 395nm UV Light requires no filters. However, clear goggles are recommended for general eye protection.

Specifications:

395nm megaMAXX™ UV Light
 Dimensions: 4.75"L x .88" dia.
 Weight w/batteries: 3.52 oz.
 Construction: Machined Aluminum
 Switch: Push-button for momentary ON; Twist End-cap for steady ON
 Bulb/Lamp Life: (5) UV LEDs/+50,000 hrs.
 Battery: (2) CR123 Lithium

VISIBLE LIGHT SOURCES:
455nm, 470nm, 505nm, 530nm, 590nm, 625nm, & White
 Dimensions: 5.31"L x 1.06" dia.
 Weight w/batteries: 5.45 oz.
 Construction: Machined Aluminum
 Switch: Recessed, push-button ON/OFF
 Bulb/Lamp Life: 1-watt Single LED/+50,000 hrs.
 Battery: (3) AAA Alkaline

MMXPOD megaMAXX™ Tripod
 Dimensions: 14"H
 Weight: 11.2 oz.
 Construction: 3 Legs w/Black Anodized Aluminum Base; Flexible Gooseneck for Precise Positioning

megaMAXX™ Light Diffuser
 Dimensions: 1.06"L x 1.56" dia.
 Weight: .32 oz.
 Construction: Delrin



MMX100 Contents	
1- 395nm megaMAXX™ UV Light w/5 LEDs	1- 797GV UV Protective Spectacles
1- 455nm MMX Light	1- 52mm Orange Barrier Filter
1- 470nm MMX Light	1- 52mm Red Barrier Filter
1- 505nm MMX Light	1- 52mm Yellow Barrier Filter
1- 530nm MMX Light	21- AAA Alkaline Batteries
1- 590nm MMX Light	2- CR123 Lithium Batteries
1- 625nm MMX Light	1- MMX100C Custom-fitted, heavy-duty Attache Case w/pre-cut foam insert;
1- White MMX Light	Size: 18.5" x 15.5" x 5.5"
1- Light Diffuser	Weight: 11.12 lbs.
1- MMXPOD Tripod	
1- FAL208 Yellow Goggles	
1- FAL207 Red Goggles	
1- BMS300 Orange Goggles	

Call SIRCHIE® at **1-800-356-7311** to place your order today!

Catalog No.	Description	Price
MMX100	megaMAXX™ ALS System	\$895.00



Congratulations To This Years New Board Members!!!

President: Linda Stine
Fingerprint Examiner Indianapolis Police Department
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Vice President: Doug Young
Police Chief Oakland City Police Department
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Upcoming Training Classes

The following courses are being offered by Ron Smith & Associates, Inc., in conjunction with the IAI

Course Title **Introduction to the Science of Fingerprint Identification**

Cost \$550.00

Instructor Mike Campbell

Dates January 9-13, 2006

Location Mesa Police Department Training Facility in Mesa, AZ

Course Title **Collection, Documentation & Preservation of Footwear & Tire Track Impression Evidence**

Cost \$350.00

Instructor Dwane Hilderbrand

Dates January 17-19, 2006

Location Michigan State Police Academy in Lansing, MI

Course Title **Courtroom Testimony Techniques: Success Instead of Survival**

Cost \$250.00

Instructor Ron Smith, CLPE, CSCSA

Dates January 23-24, 2006

Location Milwaukee Police Training Academy, in Milwaukee, WI

Course Title **Complex Latent Print Examination**

Cost \$550.00

Instructor Charles Richardson & Debbie Benningfield

Dates January 23-27, 2006

Location Michigan State Police Academy in Lansing, MI

Course Title **Demystifying Palm Prints**

Cost \$350.00

Instructor Ron Smith, CLPE, SCSA

Dates January 25-27, 2006

Location Milwaukee Police Training Academy in Milwaukee, WI

For more information about these seminars contact Ron Smith and Associates at:

www.RonSmithandassociates.com or

training@ronsmithandassociates.com