



ILLINOIS ASSOCIATION of  
TECHNICAL ACCIDENT  
INVESTIGATORS  
7610 Roberts Road  
New Berlin, IL 62670



Present their

**30th Annual  
Traffic Crash Reconstruction  
Conference**

**Don't Miss This Year's Celebration  
of IATAI and MATAI's  
30th Anniversaries**

**September 21-23, 2016**

**The Embassy Suites  
100 Conference Center Drive  
East Peoria, IL 61611**

# 2016 IATAI CONFERENCE REGISTRATION FORM

NAME: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

AGENCY/COMPANY: \_\_\_\_\_

BUSINESS ADDRESS: \_\_\_\_\_ HOME ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

WORK PHONE: \_\_\_\_\_ CELL PHONE: \_\_\_\_\_

MEMBER OF IATAI \_\_\_\_\_ MATAI \_\_\_\_\_

Make checks payable to IATAI

**Member Means: 2016 Dues Paid to Either IATAI or MATAI**

**DETACH FORM AND RETURN WITH PAYMENT TO: IATAI, 7610 Roberts Road, New Berlin, IL 62670**

## Early Registration

Before August 1, 2016

## Late Registration

After August 1, 2016

Member Staying at Embassy Suites	\$150.00	\$200.00
Member NOT Staying at Embassy Suites	\$200.00	\$250.00
Non Member Staying at Embassy Suites	\$250.00	\$300.00
Non Member NOT Staying at Embassy Suites	\$300.00	\$350.00

## President David Keltner

It is an honor and privilege to welcome everyone to the 30<sup>th</sup> Anniversary Illinois Association of Technical Accident Investigators Conference. The Board Members: Vice President Steve Anthony, Treasurer Susan Shigemura and Secretary Keith Jackson, and I extend our warmest welcome to the all the IATAI members, vendors, and investigators who are attending this year's conference. We look forward to everyone sharing and gathering additional knowledge in crash reconstruction and investigation.

I would also like to extend a special welcome to any new members of IATAI or those attending this year's conference for the first time. I would also like to extend a warm welcome to all MATAI members who are attending this year's conference. Also, congratulations to their incredible organization on thirty years of providing great training and conferences. I am thrilled to see our organizations and members be able to work and interact together.

I have been blessed to serve as President of IATAI for multiple terms and work with many different members for classes and conference planning. I would like to thank all the past Board Members for their contributions and efforts in making IATAI what it is today after 30 years of blood, sweat and some tears. I have numerous conferences that bring great memories from crash tests, exercises and presentations that have helped me in my current investigations and teachings.

I have held a standard near and dear to my heart to always learn something new every day to make myself a better person. If you have the same goal I hope this week's IATAI Conference helps you well fulfill your needs.

For members in good standing I would like to remind you that the IATAI Business Meeting will be held on Thursday morning. We have special award recognitions that will take place and some great give away prizes for some fortunate members who are in attendance.

Thank you again for attending, networking and contributing to this year's IATAI Conference. The last 30 years of IATAI have been amazing and the next 30 years look even brighter.

**For Information:** Susan Shigemura at [sushig@speednet.com](mailto:sushig@speednet.com)

### Lodging/Airport

A special room rate of \$113.00 (plus tax) per night, has been negotiated at The Embassy Suites (309) 694-0200. **Reservations must be confirmed by August 28, 2016. Reference IATAI when making your reservation.**

Peoria International Airport (PIA) offers many direct flights across the U.S.

## Breakout Session Topics

### *Adaptive Intersections and Light Timing*

Mr. Kyle Armstrong

### *GPS Data: Anything With A USB Connection Can Be Downloaded*

Mr. Robert Wyman

### *Case Study Using ECM Data To Address Complaints Of “Lost Traction”*

Mr. T.J.Tennent

TBA

Team Muir Presentation

*In one breakout veteran reconstructionists will address any questions attendees bring. Attendees should come prepared with relevant case materials. Questions will be asked and answered privately in a 1 on 1 setting with the veteran expert of your choice. These seasoned veterans bring a wide range of expertise including but not limited to: EDR questions, Total Station and other mapping issues, spin analysis, time distance & friction.*

Mr. John Daily

Mr. Steve McKinzie

Mr. Richard Ruth

Mr. Nathan Shigemura

Monday, September 19, 2016 and

Tuesday, September 20, 2016

## Witness Video Analysis Course

Price: \$200 Member ; \$300 Non Member

### About the Instructor:

Major Adam Cybanski is a tactical helicopter pilot of 20 years with 2500 flight hours. An experienced investigator with the Royal Canadian Air Force Directorate of Flight Safety. He leads the way in video analysis and crash site photogrammetry. For the last three years, Mr. Cybanski has been adapting his analysis techniques to traffic crash reconstruction.

Visit our website, [www.iatai.org](http://www.iatai.org) for brochure/registration form

### Monday, September 19

8:00am—5:00pm

- Overview of video analysis
- Video Formats
- Matchmoving Fundamentals
- Geolocation Fundamentals
- Traffic Camera Calibration
- Velocity Testing
- Video Temporal Analysis
- Video Frame Extraction

### Tuesday, September 20

8:00am– 5:00pm

- Motion Isolation and Velocity Comparison
- Test Plan Generation
- Traffic Camera Video Analysis
- Traffic Camera Analysis Case Study
- Video Analysis Report
- Dash/Witness Camera Analysis
- Dash Camera analysis Case Study
- Handheld Camera Case Study

**\*This course has a separate registration and fee from the conference**

## Tuesday, September 20, 2016 (cont'd)

### Pre-Conference Activities and Check-In

- 8:00am - 5:00pm** ACTAR Testing
- 8:00am - 5:00pm** Day 2 of 2 Witness video course
- 5:30pm - 7:30pm** Evening Reception @ Embassy Lobby Bar
- 7:00pm - 8:00pm** Conference Registration

## Wednesday, September 21, 2016

- 7:00am - 8:00am** Conference Registration
- 8:00am - 8:30am** Opening Remarks
- 8:30am - 11:00am** *Overview of Outdoor Testing of Witness Video Velocity Comparison*  
Mr. Adam Cybanski
- 11:00am - 12:00pm** Outdoor testing Preview
- 12:00pm - 1:00pm** Lunch @ Embassy Suites
- 1:00pm - 5:00pm** Outdoor Testing Event  
@ Embassy parking lot
- 5:30pm - 7:30pm** Evening Reception @ Embassy Lobby Bar
- 6:00pm - 8:00pm** IATAI and MATAI 30th Anniversary Celebration BBQ and Outdoor Fun  
*Sponsored by MATAI*

## Thursday, September 22, 2016

- 8:00am - 10:00am** IATAI Business Meeting
- 10:00am - 12:00pm** *Outdoor Witness Video Velocity Testing Summary*  
Mr. Adam Cybanski
- 12:00pm - 1:00pm** Lunch @ Embassy Suites
- 1:00pm - 3:00pm** Breakout Session I
- 3:00pm - 5:00pm** Breakout Session II
- 5:00pm - 6:00pm** MATAI Business Meeting
- 5:30pm - 7:30pm** Evening Reception @ Embassy Lobby Bar

## Friday, September 23, 2016

- 8:00am - 10:00am** Breakout Session III
- 10:00am - 11:30am** *Cell Phone Applications for Use in Traffic Crash Reconstruction*  
Mr. Robert Wyman
- 11:30am - 12:00pm** *Car Fax*  
Mr. Tom Froelich
- 12:00pm - 1:30pm** *Evidence Data Recorder Case Study*  
Mr. Richard Ruth
- 1:30pm - 3:00pm** *Crash Test Summary*  
Team Muir

\*\*There will be a 15 minute break around noon with snacks available.