



2023

MATAI CONFERENCE

September 18th, 19th, & 20th

Field of Debris

If you crash it, they will come.



Hosted By:

Iowa State Patrol



1 Prairie Meadows Dr.

Altoona, Iowa 50009

Phone #: (800) 325-9015



MATAI Conference

AGENDA

Sunday September 17th, 2023

4:00pm—6:00pm

Early Registration (Packet Pickup)

7:00pm—8:30pm

MATAI Board Meeting

6:00pm to 9:00pm

Hospitality Room (Everyone Welcome) - Room announced at Registration

Monday September 18th, 2023:

7:00am to 7:45am

Registration (Packet Pickup)

8:00am to 8:30am

Travel Time to Iowa Speedway

8:30am to 9:00am

Opening Ceremonies (Newton Club)

- ISP Honor Guard - Colonel Fulk (ISP)

- MATAI President - Trp. Matt Schwenn (ISP)

9:15am to 12:00pm

Crash Testing—Back to Basics

12:00pm to 1:00pm

Lunch Break (provided by Smokey D's BBQ)

1:00pm to 5:00pm

(Continued) Crash Testing

Monday Evening September 18th, 2023:

7:00pm to 9:00pm

Hospitality Room (Everyone Welcome)

Tuesday September 19th, 2023:

8:00am to 9:00am

Chris Mannel—Photography

9:00am to 9:15am—Morning Break

9:15am to 10:00 am

(Continued) Photography

10:00am to 10:15am—2nd Morning Break

10:15am to 11:00am

Chris Lutes & Chris Starrett—Evidence Evaluation & Documentation

11:15am to 11:30am—3rd Morning Break

11:30am to 12:15pm

(Continued) Evidence

12:15pm to 1:15pm—Lunch Break

1:15pm to 2:15pm

Andy Rich—EDR Analysis

2:15pm to 2:30pm—Afternoon Break

2:30pm to 3:30pm

(Continued) EDR Analysis

3:30pm to 3:45pm—2nd Afternoon Break

3:45pm to 5:00pm

(Continued) EDR Analysis

Tuesday Evening September 19th, 2023:

6:00 to ????? - Axe Throwing in Ankeny

Wednesday September 20th, 2023:

8:00am to 9:00am

Money Platz (Iowa Attorney General) - Criminal Prosecution of Serious Injury/Fatal Collisions

9:00am to 9:15am—Morning Break

9:15am to 10:00am

Rob Conklin (LLDC Law) - Evidence and Testimony Presentation in Court

10:00am to 10:15am—2nd Morning Break

10:15am to 12:00pm

David Hallman—Review of Testing at the Speedway

12:00pm to 12:15pm—Conclusion

Closing Remarks—2023 Conference Update

Wednesday September 20th, 2023:

8:00am to 5:00pm

Andy Rich—ACTAR Prep Course (AJ's Steakhouse Meeting Room)

Thursday September 21th, 2023:

8:00am to 5:00pm

ACTAR Exam (Prairie Meadows)

THANK YOU FOR COMING !!!

SPEAKER BIOGRAPHIES

Chris Mannel



Chris is an original founding partner of NAR and serves as the company's technical specialist. He lives in the Omaha area has a strong background in everything that has to do with technology. He specializes in software, photography, mapping, analysis and the production of any electronic media for our clients or the business. He is a FAA licensed sUAV pilot for scene mapping and video overviews. Chris handles both criminal and civil proceedings for the company and has experience in the courtroom for either type of case. Chris is certified in the extraction and preservation of heavy truck ECM modules and their data and can answer questions you may have about this process.

Chris Lutes



Chris Lutes is the Trimble Forensics Training Coordinator and Marketing Professional for Trimble Forensics. Prior to joining Trimble, Inc in January 2022, he was a sworn law enforcement officer for the State of Nebraska. During his 14 years with the Nebraska State Patrol, he served in a wide range of duties, to include commercial motor vehicle enforcement, traffic enforcement, and technical crimes investigations. Lutes held multiple specialty duties, including Datamater Maintenance Technician, IACP Drug Recognition Expert, Cellebrite Operator & Analyst, FTK Certified Operator, and ACTAR-accredited Traffic Crash Reconstructionist.

From 2018-2021, Lutes was an adjunct instructor for the Institute for Police Technology and Management (IPTM) and taught the Trimble Forensics Certification training courses. Lutes has spoken at multiple conferences, including the EDR Summit and Trimble Dimensions and is actively engaged in providing solutions to crash and crime scene mapping needs.

SPEAKER BIOGRAPHIES

Chris Starrett



Chris is an ACTAR Accredited Collision Reconstructionist, and Forensic/Aerial Mapping Expert based in central Iowa. He recently left a long career with the Iowa State Patrol where he served as a Sergeant in charge of the Iowa State Patrol Crash Reconstruction Unit & Drone Unit for the Iowa State Patrol.

Chris has been involved in hundreds of collision investigations and reconstructions, having provided expert testimony many times across the State of Iowa. In addition, he has trained thousands of police and private investigators throughout the United States and Canada.

Andy Rich



Andrew Rich is a principal for Rich Consulting LLC, which is based in Fairlawn, Ohio. Mr. Rich retired after a twenty-five year career in law enforcement. His last fourteen years were spent as a detective for the Bergen County (NJ) Prosecutor's Office Fatal Accident Investigation Unit. He was also a pilot in the Aviation Unit. Mr. Rich has a degree in mechanical engineering (summa cum laude) from the New Jersey Institute of Technology. He is accredited in accident reconstruction by the Accreditation Commission for Traffic Crash Reconstruction (ACTAR), and as an automotive technician by the National Institute for Automotive Excellence (ASE). Mr. Rich has published many peer reviewed papers, a book about various topics in traffic crash reconstruction, and he coauthored a textbook titled Fundamentals of Statistics for Traffic Crash Reconstruction. Mr. Rich has been a member of the adjunct faculty for the University of North Florida, Institute of Police Technology and Management (IPTM) since 2003. He teaches Applied Physics, Accident Reconstruction Update, Event Data Recorder for Traffic Crash Reconstruction Level I and Level II, and Energy Methods and Damage Analysis. He has crash testing experience through IPTM and The University of Tulsa Crash Reconstruction Research Consortium. Courses offered through Rich Consulting include ACTAR Exam Preparation, Using Excel for Traffic Crash Reconstruction, and Practical Statistics for Traffic Crash Reconstruction. Mr. Rich has testified as an expert in the subjects of accident reconstruction, measurements, mechanical engineering and the effects of weather on roadway moisture. He may be reached at andy@rich-llc.com

SPEAKER BIOGRAPHIES

Monty Platz



Assistant Attorney General 3 at Office of the Attorney General of Iowa

Monty Platz is an experienced trial attorney with a high rate of success in over 100 jury trials ranging from murder to sexually violent predators to child sex offenses. Significant experience cross-examining hostile expert witnesses and an advocate for the rights of victims and their families.

Rob Conklin



Rob began his career helping lawyers talk with jurors as real people — emphasizing the clear, honest, sincere and plain truth is always the best path. Later, he returned to attend law school at Drake University, where he was honored to be part of the National Moot Court and American Association of Justice Mock Trial teams. Throughout law school, he worked as a law clerk at Lawyer, Lawyer, Dutton, Drake & Conklin LLP, helping continue the close-knit family atmosphere of the firm.

Rob's professional focus is on personal injury cases, where he has a true passion for helping those who have been hurt through

SPEAKER BIOGRAPHIES

David Hallman



David Hallman is a Forensic Mechanical and Metallurgical Engineer (forensic engineering consultant) with over twenty years combined experience in materials analysis and research, mechanical engineering, automotive mechanics and forensic failure analysis. He has significant, hands-on automotive repair experience coupled with degrees in mechanical engineering from the University of Saint Thomas (BS) and materials science and engineering from the University of Minnesota (MS). David spent ten years working as a professional automotive mechanic prior to earning his two degrees. He is a Licensed Professional Engineer in Minnesota, Wisconsin, Iowa, North Dakota, South Dakota and Illinois, a Certified Vehicle Fire Investigator and an ASE Certified Master Automobile Technician.

David's significant automotive background coupled with his two degrees makes him ideally suited for all aspects of crash investigation. He performs crash reconstruction and also has been called upon to investigate potential mechanical causes for vehicle crashes. David has an excellent understanding of vehicle mechanical systems including automotive, light truck, medium truck and heavy truck systems. He has also been trained in vehicle crash data (CDR) collection and interpretation. Some of the cases David has investigated include a vehicle tie rod failure that triggered a cross over crash, several unintended vehicle acceleration cases and cases involving alleged heavy truck brake failure. David has also been involved in multiple cases involving tire failure analysis. Since 2011, David has been involved with several different crash teams around the country and has been deeply involved in planning and executing crash tests.

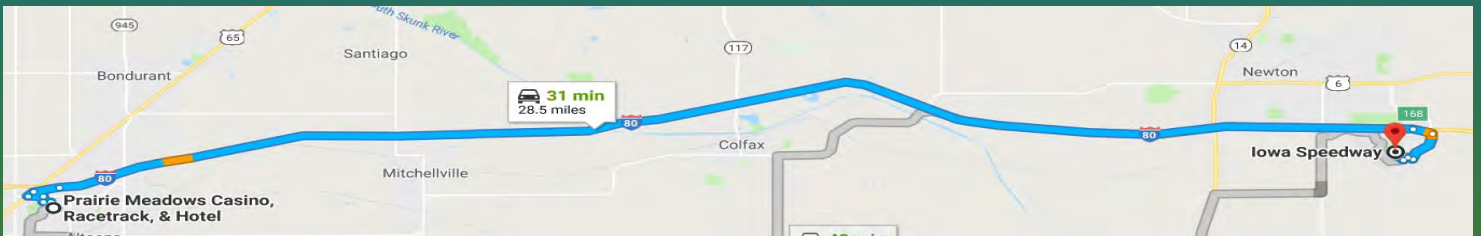
A skilled forensic engineering consultant, David works with Lawyers, Paralegals, Insurance Investigators, Claims Adjusters and other Subject Matter Experts on a wide variety of forensic mechanical, forensic materials and forensic metallurgical investigations. These investigations have included but are not limited to an elevator failure involving materials and design issues, a personal injury involving a paper shredder, multiple cases involving farm equipment and personal injuries, machine guarding cases, chair collapse cases, bolted joint failures, patient lifter failures, vehicle hand control issues, trip and fall cases, tipped telehandler and boom crane cases.

David has testified in court and in deposition on multiple occasions. All forensic engineering investigations are performed using the Scientific Method as the basis for the inquiry. The opinions presented in each matter are based on the facts of the case.

Collision Testing

Directions to the Iowa Speedway:

- Go EAST on Interstate 80 from Altoona
- Exit Interstate 80 at the 168 mile marker
- Go South (right) from the Interstate on Iowa Speedway Dr
- Take a right (West) on Rusty Wallace Dr
- Travel approximately 1 mile on Rusty Wallace Dr
- Turn Left (south), just past the track.
- Go approximately 1100 feet south on the road from Rusty Wallace Dr.
- Take a left (East) and go through the gate
- Park on the North side of the grand stands.



SPONSORSHIP THANKYOU



- TEGELER Auto body/Holiday Wrecker and Crane (donated crash test vehicles, logistics & crash test clean-up)



- SEILER Geospatial (donated Entertainment & Transportation)



- Iowa State Troopers Association (donated \$750 dollars)



- Smokey D's BBQ (donated a deal on Lunch)