2023 MATAI Crash Conference

The Michigan Association of Traffic Accident Investigators (MATAI) **2023 Crash Conference** registration is **OPEN**. For this year's conference MATAI has partnered with the National Association of Professional Reconstruction Specialists (NAPARS). For information on NAPARS membership go to www.napars.org. As always conference information can be found at www.matai.us/conferences or by emailing MATAIboard@gmail.com

Dates: Tuesday September 12th, 2023 – Thursday September 14th, 2023

Location: Schoolcraft College*, Livonia, MI

- Crash Location: Schoolcraft College Academy Training Center – 31777 Industrial Rd, Livonia, MI 48150
- Lecture Location: Schoolcraft College Main Campus – 18600 Haggerty Rd, Livonia, MI 48152

Cost: $400 for attendees who register before AUGUST 1ST, 2023, $475 after (late registration)

- Registration Form: https://forms.gle/NXrxVjr7iDBoT6JQ8
- Online Payment: https://matai-michigan.square.site or scan QR Code below
- To be invoiced / pay by check complete registration form and email MATAIboard@gmail.com

Conference Topics:

- The conference will include 3 live crash tests, classroom presentations that include EDR updates, use of mobile device LiDAR in crash reconstruction, working with GoPro telemetry data, speed determination from video analysis, and a full breakdown / reconstruction of the live crash tests. See attached agenda for full list of topics and presenters.
- Vendors from Leica, NOAR Technologies, Recon-3D and E38 Survey Solutions will be on location with technology / equipment for questions and demonstrations. Attendees are encouraged to bring their own technologies to document data, with some time limitations. ALL conference data collected will be made available for download after the conference.

Hotel / Lodging:

- There is no official block of hotel rooms for this conference. Hotels along the I-275 / I-96 corridor between 9-mile Rd and 6-mile Rd in Livonia, MI are close to the conference locations. A full list of the hotels in the area are posted at www.matai.us/conferences

Michigan attendees – the conference is approved in MITN for PA 302 Funding

The conference has been approved for 24 ACTAR CEU's

Conference Pavment QR Code

*due to restrictions from Schoolcraft College lunches will NOT be able to be provided

Conference Agenda

Tuesday, September 12, 2023

0800 – 1700   Three LIVE Crash Tests
- ➢ Crash #1: Two Vehicle, Offset Head-on
  - • This crash will be a simulated centerline crossover with approximately ½ overlap.
- ➢ Crash #2: Three Vehicle, Rear-end
  - • This crash will involve three vehicles, with one being stopped (simulated red light), one approaching the stopped vehicle and slowing (to yield for the simulated red light), and a bullet vehicle rear-ending the slowing vehicle (who in turn rear-ends the stopped vehicle).
- ➢ Crash #3: Left Turn, Side Impact
  - • This crash will be a simulated left turn (passenger's side strike) into the path of an approaching vehicle for a T-bone configuration collision.

Attendees are encouraged to bring their own technologies to document crash data, however, time may be limited. As usual, ALL data will be available from the crash testing post-conference.

After the actual crashes and post-collision workups, representatives from Leica, NOAR Technologies, Recon-3D, and E38 Survey Solutions will be on location with equipment/technology for questions and demonstrations.

*NOTE: Lunch will be from 1200 – 1300

Wednesday, September 13, 2023

0715 – 0800   Registration / Check-in, Introduction, Welcome, Membership Details, MATAI Board Comments & Elections

0800 – 1000   Photogrammetry & The Use of Mobile Device LiDAR in Collision Reconstruction
- ➢ Eugene Liscio

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1000 – 1200	Skid Testing / Drag Factors with a GoPro & Telemetry Extractor Premium Software
	➢ Greg Russell
1200 – 1300	LUNCH
1300 – 1500	GM EDR / CDR Update: EDRs, ASCMs, and More
	➢ Don Floyd
1500 – 1700	Speed Determination from Video
	➢ Dan Verlin & Chad Lindstrom

Thursday, September 14, 2023

0800 – 0930	General EDR / CDR Update
	➢ Brad Muir
0930 – 1200	Crash Test Overview / Results
	➢ Crash Test #1
	➢ Crash Test #2
	➢ Crash Test #3
1200 – 1300	LUNCH
1300 – 1700	NOAR Technologies, Leica Scanner Technology & Review of Data Captured from Crash Testing
	➢ Chad Studer

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