



# The Canadian Association of Technical Accident Investigators and Reconstructionists

Ontario Region



## CRASH DATA RETRIEVAL ANALYSIS AND APPLICATION COURSE

Presented by Brad Muir

January 6 - 10, 2025

York Regional Police

47 Don Hillock Drive, Aurora, Ontario L4G 0S7



CATAIR (Ontario Region) in partnership with NAPARS announces the Crash Data Retrieval Operators and Analysis Course. This course will be instructed by Brad Muir of Crash Data Specialists LLC at York Regional Police in Aurora, Ontario.

This course builds on the basic Bosch Crash Data Retrieval System Operator and Analysis course. This course emphasizes the data analysis of event data from various electronic modules and vehicle manufacturers supported by the Bosch CDR Tool. Discussions also include data that is available in Tesla, Hyundai, and KIA vehicles. The participant will be able to provide a situationally appropriate data analysis at the conclusion of the course.

Topics include, but are not limited to:

- CDR system function
- Deployment decision making process
- Correlating pre-crash parameters such as vehicle speed, throttle position, engine speed and brake application
- Comparing internally recorded information with other external sources of data
- Calculating  $\Delta V$  and Closing Speed
- Calculating Principle Direction of Force from  $\Delta V_x$  and  $\Delta V_y$
- Case studies include actual crash and staged crash data

Please note that this is a full five day (40 hours) training course.

### ONTARIO REGION EXECUTIVE

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Register at [www.catair.net](http://www.catair.net)

Visit [www.cdr-trainers.com](http://www.cdr-trainers.com) for additional course details.



## REGISTRATION FORM

Name: \_\_\_\_\_ Name for nametag: \_\_\_\_\_

Organization/Business: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_ ACTAR # \_\_\_\_\_

Membership Affiliation: \_\_\_\_\_ Member Number: \_\_\_\_\_

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### Course Fees

Member \*       \$850.00      Full Operator and Analysis Course

Non-Member       \$900.00      Full Operator and Analysis Course

\* Member includes a membership with another recognized organization such as NAPARS, MATAI, NATARI, NYSTARS, etc.

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Mail completed registration form to:

**CATAIR Ontario Chapter - 39 Sugarbush Road, Coldwater, Ontario L0K 1E0**

...or e-mail to [catair.ontario@bell.net](mailto:catair.ontario@bell.net)

Please enclose a cheque payable to CATAIR Ontario Chapter, or use PayPal link on the CATAIR website.

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**Please Note:** Meals and accommodations are the responsibility of the participant.