



**CAFI South Central Ontario
Chapter 006
Spring Seminar
Tuesday May 28th and Wednesday May 29th, 2019**

“Solving the Unsolvable”

Spontaneous Heating | Chemical Fires | Farm Buildings | Garages and Equipment | Electrical Faults

“Science is advanced by proposing and testing hypothesis, not by declaring problems unsolvable.”

Nick Matzke

- Where:** Fire and Emergency Services Training Institute (FESTI)
2025 Courtney Park Drive East, Toronto, Ontario L5P 1B2
- When:** Tuesday May 28, 2019 and Wednesday May 29, 2019
Registration - 8:00 am on May 28th
Presentations - 8:45 am to 4:00 pm (Lunch included)
- Cost:** **Register early to receive the discounted price. Space is limited.**
Early Bird Registration: \$400.00 for CAFI members / \$500.00 for Non-CAFI members
Add \$100 if registration is after May 8, 2019. Contact cafichapter006@gmail.com for registration information for multiple attendees from the same organization.
On line registration available at www.cafi.ca

Presenters: Mazen Habash - Origin and Cause Inc.
Steve Martin - Origin and Cause Inc.
Vicki Hilborn - Ontario Ministry of Agriculture, Food & Rural Affairs
Bob Caskanette - Caskanette Udall Consulting Engineers
Ryan Cockle – Origin & Cause Inc.
Bob Shirer – R.J. Shirer & Associates
Steve Hawken – Arcon Forensic Engineers
Ram Haddad – Arcon Forensic Engineers

Presentation Topics:

Commercial Livestock & Barn Fires

Ventilation and mechanical systems and how they affect fire behaviour and fire patterns; Case studies, investigation approach, hazards, concerns and complications; Personnel hazards and fire behaviour related to animal and agriculture barns, grain storage and confined spaces. Investigating various potential causes and ignition sources within barns and farm properties.

Fire Causes in Garages, Workshops, Barns

Identifying and understanding various potential fire causes and ignition sources related to building systems, electrical equipment, repair operations, hot work, vehicles and farm equipment.

Spontaneous Heating

What is it? How does it occur? Characteristics of fire growth and identification? How to investigate, Theory, Case studies & Testing related to spontaneous heating cases involving floor finishing, clothes dryers, organic material, and chemical fires.

Practical training

Examining burn-cell fire scenes: Demonstration of chemical fires; Experimenting with ignition of flammable liquids by vehicle exhaust manifold; Examination of fire-damage clothes dryer.

Please Complete: (Print clearly)

Company: _____

Name: _____
First Last

Address: _____
Street

City Prov. /State Postal Code

Phone No: _____

E-mail Address: _____

CAFI Members: \$ _____ X = \$ _____ Membership # _____

Non CAFI Members: \$ _____ X = \$ _____ **Total:** \$ _____

Credit Card Payment: Card # _____ Exp Date: _____

Name on Card: _____ Signature: _____

Send Registration Form and Payment to:

Hotel Information

Canadian Association of Fire Investigators
1207 Bramblewood Court
Pickering, Ontario, L1X 1B1

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6090 Dixie Road, Mississauga.
905-670-0050

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