



Ottawa
Fire
Services



Service des
incendies
d'Ottawa

**OTTAWA POLICE AND FIRE SERVICES IN ASSOCIATION WITH FIREWISE CONSULTING LTD. PRESENT AN
ADVANCED FIRE INVESTIGATION WORKSHOP WITH
DR. JOHN DEHAAN**

April 2 and 3, 2012

Dr. DeHaan is one of the world's leading experts in fire investigation and author of Kirk's Fire Investigation, an authoritative reference document used by fire investigators worldwide. This presentation will be of interest to fire investigators, insurance personnel, homicide detectives, coroners, electrical experts and medico-legal authorities who must deal with deaths and fires.

Dr. DeHaan will present four areas of his research:

1. New Expectations/Standards for Documenting a Fire Scene

After numerous cases of wrongful conviction and reports questioning the scientific validity of fire investigation evidence the courts are now questioning the reliability of the fire investigator's findings. Dr. DeHaan will provide new insights and dispel old beliefs about fire investigation.

2. What Kills People in Fires

The ability of humans to escape a fire is measured by the time frame for which their environment remains survivable. Dr. DeHaan will discuss heat transfer, hot toxic gases, carbon monoxide, anoxia/hypoxia, flames, smoke and visibility, blunt trauma and other factors on the human body.

3. Low Energy Ignition Sources

When investigating fires it is easy to overlook sources of heat that are assumed to have insufficient energy for ignition. (For example, fires ignited by watch cell batteries supplying as little as 3V have been observed and re-created.) This presentation will focus on those ignition mechanisms.

4. Sustained Combustion of Bodies

When a body is involved in a fire investigators often regard it as a passive target of heat and flame. In some cases, however, it becomes involved as a fuel package. Dr. DeHaan's research dispels some common misconceptions about fires involving human bodies and the role of flammable liquids in their ignition.

COURSE DETAILS

Time: April 2 and 3, 2012- 0830 to 1630

Venue: Centrepointe Theatre, Ben Franklin Chamber, 101 Centrepointe Dr., Nepean

Registration fee: \$375 plus tax (includes lunch)

For more information about this course please visit <http://www.firewiseconsulting.com>
or contact Bob Turley by phone at 250-812-9636 or by e-mail at bob@firewiseconsulting.com

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"Advanced Fire Investigation" with Dr. John DeHaan
April 2 and 3, 2012

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0830 to 1630

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Register online:

Visit our website at <http://www.firewiseconsulting.com/>. Payment can be made through PayPal using the "Registrations" link.

Register by mail, fax or e-mail with this form:

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E-mail registrations to
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Fax registrations to (250)929-7334
Mail registrations to:

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Course Refund/Cancellation Policy

Cancellations received two weeks prior to the course date will be refunded the full course fee minus a \$50 administrative fee. Cancellations after the deadline will not be refunded. Registrations are transferable. Substitutions are permitted up to and including the first day of the course.