

ISFI 2008

International Symposium on
Fire Investigation Science and
Technology

Program Schedule May 18 -21, 2008

University of Cincinnati
Marriot Kingsgate Conference Center

Sunday, May 18, 2008

3:15PM

Hotel Check-in Begins

Main Lobby

5:00PM - 6:30PM

Conference Registration

Lobby - West Prefunction

5:00 PM

Exhibit Booth Set-up Begins

Exhibit Lobby

7:00PM

MEET AND GREET
Hosted by Frost BrownTodd

The Tap Room - Hotel Lounge

Monday, May 19, 2008

8:00 AM Conference Registration
Continental Breakfast

Lobby West Prefunction
Exhibit Lobby

9:00 AM

PLENARY SESSION		Ballroom
9:00 AM	WELCOMING REMARKS Prof. William S. Kramer, Ph.D.	
9:30 AM	KEYNOTE ADDRESS - Fire Investigation is Still Art Not Science Daniel L. Churchward, CFEI	
10:15 AM	Coffee Break	
10:45 AM	PLENARY PRESENTATION - Ignition of Gases, Vapors, and Liquids by Hot Surfaces Vytenis Babrauskas, Ph.D.	

12:30 PM Luncheon Buffet

Caminetto Restaurant

1:30 PM

BREAKOUT LECTURE SESSIONS			Conference Level
Start Time	Room A	Room B	Room C
1:30 PM	EXPERTS BEWARE: WHAT YOU SAY CAN BE USED AGAINST YOU IN A COURT OF LAW - P. Kenny, K. Clinkinbeard	FULL-SCALE SINGLE FUEL PACKAGE FIRE PATTERN STUDY - W. Hicks, G. Gorbett, M. Hopkins, P. Kennedy, R. Hopkins, J. Thurman	TIRE EXPLOSIONS: INCIDENTS AND ANALYSIS - H. Verakis
2:15 PM	Break	Break	Break
2:30 PM	A COMPREHENSIVE PROSECUTION REPORT FORMAT FOR ARSON CASES - D. Icove, M. Dalton	IMPROVING THE UNDERSTANDING OF POST-FLASHOVER FIRE BEHAVIOR - S. Carman	DID A DUST EXPLOSION OCCUR? MICROSCOPIC AND THERMOGRAVIMETRIC TECHNIQUES TO DETERMINE IF DUST PARTICIPATED IN AN EXPLOSION EVENT - T. Myers, K. White, T. Xu
3:15 PM	Refreshments	Refreshments	Refreshments
3:30 PM	EXPERTS BEWARE: IGNORING THE SCIENTIFIC METHOD CONTINUES TO RESULT IN EXCLUSION OF OPINIONS IN 2006 AND 2007 - G. King, J. L. Fischer, K. Moore	AN ASSESSMENT OF THE USE OF STRUCTURAL DEFORMATION AS A METHOD OF DETERMINING AREA OF FIRE ORIGIN - A. Tinsley, D. Icove	ANALYSIS AND MODEL TESTING OF A DUAL ORIGIN NATURAL GAS FIRE WITH REMOTE FUEL SOURCE AND REMOTE PILOTED IGNITION MECHANISM - W. Hull, C. Robertson, J. Mullen, J. Stradling, B. Sidwell
4:15 PM	Break	Break	Break
4:30 PM	SPOILIATION: CAN THE INVESTIGATOR BE SUED FOR DESTRUCTION OF EVIDENCE? - K. Clinkinbeard, G. King	TBA	COMPARISON OF MEASURED AND CALCULATED GAS CONCENTRATIONS FROM FLAMMABLE GAS LEAKS IN A MANUFACTURED HOME - J. Schumacher, J. Freeman, Jr., D. Shelp, Z. Jason
5:15 PM	Panel Questions	Panel Questions	Panel Questions

6:00 PM COCKTAIL RECEPTION
Hosted by Tedford and Henry

Ballroom

8:00 AM Continental Breakfast

Exhibit Lobby

9:00 AM

PLENARY SESSION		Ballroom
9:00 AM	PLENARY PRESENTATION - Toward a More Scientific Determination: Minimizing Expectation Bias in Fire Investigation John J. Lentini, CFEI, D-ABC	
10:15 AM	Coffee Break	
10:45 AM	PLENARY PRESENTATION - Dispersed Fuel Explosions and the Investigation of Such Silke Löffler, Ph.D., Patrick G. Cox, Bsc, MA, MiFireE, ASAESI, AIOSH, CFEI, CFII	

12:30 PM Luncheon Buffet

Caminetto Restaurant

01:30 PM

BREAKOUT LECTURE SESSIONS				Conference Level
Start Time	Room A	Room B	Room C	
1:30 PM	PREPARATION, PROOF, AND PRESENTATION: ASSISTING THE TESTIFYING EXPERT - B. Henry	DEATH BY DESIGN: The Monster in the Kitchen - M. Beasley	CRIMP CONNECTOR FAILURES: QUANTIFYING COPPER OXIDE LAYER GROWTH - S. Davis, J. Wise, D. Engel, V. Somandepalli	
2:15 PM	Break	Break	Break	
2:30 PM	THE ROLE OF THE ATTORNEY IN FIRE AND EXPLOSION INVESTIGATIONS - S. Sklar, S. Kos, J. Liss	INTRA-APPLIANCE (ELECTRIC CLOTHES DRYER) ARC MAPPING TO ASSIST FIRE ORIGIN AND CAUSE DETERMINATIONS - J. Shanley, Jr.	MORPHOLOGICAL VARIATION IN COPPER ARCS DURING POST-ARC FIRE HEATING - K. Lewis, B. Templeton	
3:15 PM	Refreshments	Refreshments	Refreshments	
3:30 PM	ENGINE COMPARTMENT FIRES- ELECTRICAL AND HOT SURFACES - C. Cope	ANALYSIS OF COOKTOP FIRES - K. S. Barnhill, W. Johnson	FLAMMABILITY OF NYLON USED AS INSULATION IN ELECTRICAL CONNECTORS - S. Davis, A. Ibarreta, A. Kessel, A. Ellison	
4:15 PM	Panel Questions	Panel Questions	Panel Questions	

06:30 PM 2008 GALA DINNER COCKTAIL RECEPTION
Hosted By Armstrong Teasdale

Exhibit Lobby

07:15 PM 2008 GALA DINNER

Ballroom



Wednesday, May 21, 2008

8:00 AM Continental Breakfast

Exhibit Lobby

9:00 AM

PLENARY SESSION		Ballroom
9:00 AM	PLENARY PRESENTATION - Computer Fire Models for Fire Investigation and Reconstruction Gregory E. Gorbett, MSc, CFEI, CFPS, IAAI-CFI, MIFireE	
10:15 AM	Coffee Break	
10:45 AM	PLENARY PRESENTATION - Fire Pattern Persistence and Predictability in Pre and Post Flashover Compartment Fires Ronald L. Hopkins, MS, CFEI, CFPS, Gregory E. Gorbett, MSc, CFEI, CFPS, IAAI-CFI, MIFireE, & Patrick M. Kennedy, CFEI, MIFireE, CFPS	

12:30 PM Luncheon Buffet

Caminetto Restaurant

1:30 PM

BREAKOUT LECTURE SESSIONS				Conference Level
Start Time	Room A	Room B	Room C	
1:30 PM	ANALYSIS OF ETHYLENE GLYCOL-BASED ENGINE COOLANT AS A VEHICLE FIRE FUEL - W. Hull, C. Robertson, J. Mullen, J. Stradling, B. Sidwell	THE USE OF SMOKE DETECTOR SEQUENCE OF ACTIVATION IN DETERMINING THE AREA OF ORIGIN OF A FIRE: INVESTIGATION OF THE FEDEX DC-10 FIRE - T. Myers, R. T. Long, Jr., F. Gavelli, H. Kytömaa	THE USE OF COMPUTER FIRE MODELING IN FIRE INVESTIGATION: A Forensic Tool in Search of Qualified Users - T. May	
2:15 PM	Break	Break	Break	
2:30 PM	THERMOCHEMICAL ANALYSIS OF TOXIC FORMATION FROM BURNING MATERIALS IN ENCLOSURE FIRES - K. Islam	RESIDENTIAL POST-FIRE SMOKE ALARM EVALUATIONS - K. Mniszewski	Panel Questions	
3:15 PM	Refreshments	Refreshments	Refreshments	
3:30 PM	A METHODOLOGY USING LIQUID FOR SOOT REMOVAL FROM FIRE SCENES AND SUBSEQUENT FINGERPRINT DEVELOPMENT - J. Everly, R. Bailey, K. Mercer, S. Wright Clutter	FULL-SCALE VALIDATION TESTS OF A FORENSIC METHODOLOGY TO DETERMINE SMOKE ALARM RESPONSE - C. Mealy, D. Gottuk	921 Task Group	
4:15 PM	Panel Questions	Panel Questions		