THE MAGIC OF FIRESTOPPING!

FCIA FIRESTOP INDUSTRY CONFERENCE & TRADE SHOW

Disney’s Grand Floridian Resort and Spa
Lake Buena Vista, Florida
November 6-9, 2012
As FCIA’s 2012 President, welcome to the 2012 Firestop Industry Conference and Trade Show located at Disney’s Grand Floridian Resort & Spa. With my term coming to a close, I’d like to express my sincere gratitude to the 2012 Board of Directors, FCIA Committee members and the entire FCIA staff for all they’ve accomplished throughout this year. With their efforts and many others who unselfishly given their time and resources this year, FCIA continues to improve, expand and make a difference in our industry of Firestopping and Life Safety.

To date, FCIA is 307 members strong. Of those joining in the last two months, twelve are from the US, two from Canada, one from Qatar, one from Australia and one from England. We are truly an international organization!

Please consider getting actively involved, whether running for the FCIA board, sitting on a FCIA Committee or even voicing your concerns to the board, helping the direction of our industry for the future. Ask others to be part of FCIA...together we can continue to build a trade and be part of FCIA’s future.

As the year comes to a close, I look to the future with Tracy Smith, Firestop Southwest, as he takes the helm of FCIA!

Sincerely,
Jodi Clem, 2012 FCIA President
**FCIA Firestop Industry Conference & Trade Show Agenda**  
**Disney’s Grand Floridian Resort, Orlando Florida**  
**Tuesday November 6, 2012**  
**“The Magic of Firestopping!”**

<table>
<thead>
<tr>
<th>Time / Location</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 am – 2:00 pm</td>
<td>Conference Registration</td>
</tr>
<tr>
<td>Salon 6 Foyer</td>
<td></td>
</tr>
</tbody>
</table>

*FCIA Education Sessions help attain and maintain status as a FM 4991 Approved Contractor DRI, UL – ULC Qualified Firestop Contractor DRI or International Accreditation Services IAS AC 291 Special Inspection Agency responsible individual. Pre-Registration required.*

<table>
<thead>
<tr>
<th>Time / Location</th>
<th>Description</th>
</tr>
</thead>
</table>
| 8:00 am – 9:00 am | CONTINENTAL BREAKFAST  
(for Management System and Exam Education Seminar Attendees) |
| Salon 8 | |
| 9:00 am – 10:30 am | FCIA Management System Manual Development Education  
Free to FCIA Members – (Non Members - $495 Extra Fee)  
-Jeff Gould, FM Global & Betsy Titus, Underwriters Laboratories  
If your firm is pursuing FM 4991 Approval or UL-ULC Qualification, don’t miss this session about management systems and the firestopping industry. Get your company started using the FCIA Sample Management System Manual Template handout. |
| Salon 2 | |
| 10:30 am – 10:45 am | Break, Sponsor – 3M Fire Protection Products |
| Salon 8 | |
| 10:45 am – 12:00 pm | FM & UL Firestop Exam Education for becoming a DRI Education  
Free to FCIA Members – (Non Members - $295 Extra Fee)  
-FCIA’s Firestop Manual of Practice (MOP) is the basis for the FM & UL, ULC Firestop Exams. Start the path towards FM 4991 Approval and/or UL or ULC Qualified Firestop Contractor status with this session. This education session is meant to help your ‘short term memory’ preparing for the test. The class is not a substitute for reading the FCIA Firestop Manual of Practice. |
| Salon 2 | |
| 12:30 pm – 1:00 pm | Lunch Break for Exam Education and Exam Participants  
Sponsor - HILTI |
| Salon 8 | |
| 1:00 pm – 4:30 pm | FM & UL-ULC Firestop Exam - DRI Candidates & Inspection Personnel  
FCIA wishes all the very best wishes for success! Note-you become a ‘DRI’ when the company passes the audit from FM Approvals, UL-ULC. Firestop Inspection Agency personnel receive a certificate that states they passed the FM or UL-ULC Exam.  

**NOTE:** ULC Exam adds an extra set of questions specific to Canada requirements. UL-ULC exam is an ‘open book’ exam. Bring your own FCIA Firestop Manual of Practice to use if needed. FM Approvals does **not** allow use of the FCIA Manual of Practice during the exam. |
| Salon 2 | |
| 6:00 - 7:00 pm | FCIA Welcome Reception – Sponsored by BALCO, INC.  
All Attendees and Spouses/Guests Welcome! |
| Whitehall Patio | |
| 7:00 pm | Dinner on your own |
FCIA Firestop Industry Conference & Trade Show Agenda  
Disney’s Grand Floridian Resort, Orlando Florida  
Wednesday, November 7, 2012  
“The Magic of Firestopping!”

<table>
<thead>
<tr>
<th>Time / Location</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 am – 7:30 am</td>
<td>Exhibitor Tabletop Set-Up</td>
</tr>
<tr>
<td>Salon 4 &amp; 5</td>
<td></td>
</tr>
<tr>
<td>7:30 am – 10:15 am</td>
<td>Conference Registration Open</td>
</tr>
<tr>
<td>Salon 6 Foyer</td>
<td></td>
</tr>
</tbody>
</table>
| 7:30 am – 8:30 am       | Continental Breakfast - Tabletops Open  
Sponsored by Thermal Ceramics                                                                 |
| Salon 4 & 5             |                                                                                                       |
| 8:30 am – 9:45 am       | FCIA Education Sessions – Two 25 Minute Sessions  
Contractors, Manufacturers and all Associate Members                                                                 |
| Salon 4 & 5             |                                                                                                       |
| 10:15 am                | Bus leaves for FCIA Ray Usher Memorial Golf Tournament  
From Grand Floridian Convention Center Porte Cochere                                           |
| 11:00 am                | Ray Usher Memorial Golf Tournament at Disney’s Osprey Ridge  
Golf and lunch for pre-registered golfers. Proceeds fund the Bob LeClair Memorial Scholarship for a Fire Protection Engineering Student at the University of Maryland. Special thanks to all FCIA Sponsors! |
| 11:00 am – 6:00 pm      | Non-golfers - Time on your own...explore!  
Do the Disney Parks or Disney Village! Buy tickets ten days prior to arrival for best prices. Check out FCIA’s Activity info packet. |
| 6:00 pm – 7:00 pm       | FCIA Welcome Reception & Golf Awards  
Sponsored by 3M Fire Protection Products  
OPEN TO ALL attendees, spouses, guests and speakers  
Congratulate 2012 Champs and mix with friends. Learn who works on the golf course as hard as they do on the jobsite! |

*Trade Show setup is Wednesday, 6:30 am – 7:30 am and open at 7:30 am.  
Display Wednesday morning, Thursday all day, Friday morning - Casual Dress for all
<table>
<thead>
<tr>
<th>Time / Location</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am – 5:00 pm</td>
<td><strong>Conference Registration Open</strong></td>
</tr>
<tr>
<td>Salon 6 Foyer</td>
<td></td>
</tr>
<tr>
<td>7:30 am – 8:30 am</td>
<td><strong>FCIA Continental Breakfast</strong></td>
</tr>
<tr>
<td>Salon 4 &amp; 5</td>
<td><strong>Sponsored by Thermafiber, Inc.</strong></td>
</tr>
<tr>
<td>7:30 am – 8:30 am</td>
<td><strong>Tabletops Open – Continental Breakfast with Exhibitors</strong></td>
</tr>
<tr>
<td>Salon 4 &amp; 5</td>
<td></td>
</tr>
<tr>
<td>8:30 am – 9:00 am</td>
<td><strong>FCIA President’s Welcome &amp; Association Report</strong></td>
</tr>
<tr>
<td>Salon 4 &amp; 5</td>
<td><strong>FCIA Board Candidate Presentations</strong></td>
</tr>
<tr>
<td></td>
<td>FCIA Board of Director Elections takes place today. FCIA candidates present their 2013-2014 board platforms.</td>
</tr>
<tr>
<td>9:00 am – 10:00 am</td>
<td>*FM 4991 Approved Contractor Program Update – Jeff Gould, FM</td>
</tr>
<tr>
<td>Salon 4 &amp; 5</td>
<td>*UL Qualified Firestop Contractor Program Update – Betsy Titus, UL</td>
</tr>
<tr>
<td></td>
<td>*IAS AC 291 Update – Bill McHugh, FCIA</td>
</tr>
<tr>
<td></td>
<td>FCIA Supports both FM 4991 and the UL/ULC Qualified Firestop Contractor Programs for specialty firestop contractors and IAS’ AC 291 Accreditation Criteria for Firestop Inspection Agencies.</td>
</tr>
<tr>
<td>10:00 am – 10:15 am</td>
<td><strong>Break &amp; Exhibitor Tabletop Time</strong></td>
</tr>
<tr>
<td>Salon 4 &amp; 5</td>
<td><strong>Sponsored by Specified Technologies, Inc.</strong></td>
</tr>
<tr>
<td>10:15 am – 11:30 am</td>
<td><strong>Building and Fire Code Developments</strong></td>
</tr>
<tr>
<td>Salon 4 &amp; 5</td>
<td><strong>FCIA ICC Code 2015 Cycle – What’s happened, What’s coming?</strong></td>
</tr>
<tr>
<td></td>
<td>Bill Koffel, PE, FSPE - Koffel Associates</td>
</tr>
<tr>
<td></td>
<td>FCIA Staff, Code Committee and Board of Directors with Bill Koffel have been working together bringing the FCIA Programs to the ICC Family of Codes and also NFPA. How have we affected fire and life safety? What changes affected FCIA? What’s next for all of us in code development to provide better fire and life safety in buildings?</td>
</tr>
<tr>
<td>11:30 am – 11:45 am</td>
<td><strong>Break &amp; Exhibitor Tabletop Time</strong></td>
</tr>
<tr>
<td>Salon 4 &amp; 5</td>
<td><strong>Sponsored by HILTI</strong></td>
</tr>
<tr>
<td>11:45 am - 1:45 pm</td>
<td><strong>Luncheon &amp; Speaker – International Firestop Council Update</strong></td>
</tr>
<tr>
<td>Salon 4 &amp; 5</td>
<td><strong>Exhibitor Presentations – Exhibitor Companies Present</strong></td>
</tr>
<tr>
<td></td>
<td>FCIA appreciates the support of the tabletop exhibitors. Each firm has two minutes to present FCIA important information.</td>
</tr>
<tr>
<td></td>
<td><strong>Luncheon Sponsored by Specified Technologies, Inc.</strong></td>
</tr>
<tr>
<td>Time</td>
<td>Function</td>
</tr>
<tr>
<td>------------------</td>
<td>-----------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>1:45 pm – 2:00 pm</td>
<td><strong>Break &amp; Tabletop Time – Sponsored by FCIA</strong></td>
</tr>
<tr>
<td>2:00 pm – 2:45 pm</td>
<td><strong>John Hall, NFPA’s Chief Statistician</strong></td>
</tr>
<tr>
<td></td>
<td>Ever wonder about fire statistics and firestopping? FCIA asks, Is there information that doesn’t exist now but might be assembled at acceptable cost that would significantly improve our ability to analyze fire safety? Fire research does not exist for firestopping. How can we, as the firestop leaders, change this?</td>
</tr>
<tr>
<td>2:45 pm – 3:00 pm</td>
<td><strong>Break &amp; Tabletop Time - Sponsored by HILTI</strong></td>
</tr>
<tr>
<td>3:00 pm – 4:15 pm</td>
<td><strong>Compartmentation, Fire Resistance and Energy Codes</strong></td>
</tr>
<tr>
<td></td>
<td>Nate Wittasek, Exponent, Inc.</td>
</tr>
<tr>
<td></td>
<td>It seems there are reasons for compartmentation and firestopping in addition to fire resistance. Listen about how effective compartmentation, firestopping and energy codes are interrelated. Learn about building pressures expected without a fire event. Don’t miss this session!</td>
</tr>
<tr>
<td>4:15 pm – 5:00 pm</td>
<td><strong>FCIA Voting Members (Contractors Only) Session</strong></td>
</tr>
<tr>
<td>6:00 pm – 7:00 pm</td>
<td><strong>FCIA Annual Awards Reception</strong></td>
</tr>
<tr>
<td></td>
<td>Open to all attendees, spouses, guests and speakers</td>
</tr>
<tr>
<td></td>
<td>Sponsored by HILTI</td>
</tr>
<tr>
<td>7:00 pm – 10:00 pm</td>
<td><strong>FCIA Annual Awards Dinner</strong></td>
</tr>
<tr>
<td></td>
<td>FCIA Guest Speaker – John Barrios, CBO, City of Tampa</td>
</tr>
<tr>
<td></td>
<td>FCIA Awards</td>
</tr>
<tr>
<td></td>
<td>Attendee Awards Dinner included in FIC Conference Registration. Additional fee for Spouse / Guest. Sport Jacket Recommended</td>
</tr>
</tbody>
</table>

**Trade Show is Wednesday morning, Thursday all day, Friday morning - Casual Dress for the meetings**
<table>
<thead>
<tr>
<th>Time</th>
<th>Function</th>
<th>Room/Place</th>
</tr>
</thead>
</table>
| 7:30 am – 8:30 am| **FCIA Continental Breakfast**  
*Salon 4 & 5*  
*Tabletops Open – Continental Breakfast with Exhibitors*  
*Duration of conference* **Sponsored by BALCO, INC.**                                                                                   |            |
| 8:30 am – 9:30 am| **FCIA International Education Session – Gary Lougheed, NRC-CRC**  
The National Research Council of Canada is one of the world’s leading research laboratories. NRC’s Guylene Proulx spoke to FCIA at the Montreal Conference. At this session, Gary Lougheed provides an overview of passive fire resistance in single and mid rise residential, some details about the NRC fire lab, its philosophy and the how NRC manages the National Building Code of Canada development process. |            |
| 9:30 am – 10:00 am| **Break & Tabletop Time**  
*Sponsored by Specified Technologies, Inc.*                                                                                                           |            |
| 10:00 am – 11:00 am| **FCIA Healthcare Session – Anne Guglielmo, The Joint Commission**  
The Joint Commission’s Anne Guglielmo delivers a program to FCIA on the two biggest violations the Joint Commission finds…Fire Doors and Penetrations through fire resistance rated assemblies. |            |
| 11:00 am – 11:15 am| **Break & Tabletop Time - Sponsored by FCIA**                                                                                                                                                             |            |
| 11:15 am – 12:15 pm| **FCIA Legal Session – Kevin S. Dale, Hendrick Phillips**  
FCIA has seen specifications requiring a warranty from both the manufacturer and contractor for the ‘Life of the Building’. Kevin Dale addresses the subject of ‘Warranties, Express or Implied’, for firestop products installed to become firestop systems in buildings. |            |
| 12:15 pm         | **FCIA Conference Wrap Up**                                                                                                                                                                               |            |
| 12:30 pm         | **FCIA Firestop Industry Conference & Trade Show Ends**                                                                                                                                                  |            |

**NOTE:** Some FCIA Committees meet after the Conference Conclusion in the meeting room.

*Don’t miss FCIA’s Spring 2013 Education and Committee Action Conference April 30-May 3, 2013. Watch for details at FCIA.org!*
John Barrios, C.B.O.
City of Tampa
306 E Jackson St., Tampa, FL  33602
T: 813-274-8211 ~ Email: John.Barrios@ci.tampa.fl.us

John Barrios has been serving the City of Tampa, Florida, as Manager, Inspectional Services Division since 1986. Prior to this, he served the city as the Building Supervisor, Community Redevelopment from 1979 to 1986, and was a managing partner for R.A. Barrios Construction Company during 1972-1979.

He holds a Bachelor of Arts degree from the University of South Florida, and he is a Certified Building Official and a Certified General Contractor. He serves on several ICC committees, such as the Code Correlation Committee, the Ad Hoc Committee on Reference Standards and the Building Code Council. Prior to his appointment to the IAS Board of Directors, Mr. Barrios was the chair of the IAS Accreditation Committee. He has received awards from the Building Officials Association of Florida, including the President's Award and Building Official of the Year.

Clay Booth, Fire Protection Sales and Marketing Manager
Thermal Ceramics
2102 Old Savannah Rd., Augusta, GA 30906
T: 706-560-4038 ~ Email: clay.booth@morganplc.com

Clay Booth has worked for Thermal Ceramics in Augusta, GA since 1994. With extensive operations experience across their many product lines, Clay has been the Fire Protection Sales and Marketing Manager since 2006.

Clay has a B.S. in Mechanical Engineering from North Carolina State University and a M.B.A. from University of Georgia. Clay is an active member of International Code Council, National Fire Protection Association, International Firestop Council, American Society of Testing and Materials, and sits on test standard development committees for ASTM and UL.

Outside work, Clay has a wife and two children, and enjoys weekends camping at the beach, lake, and mountains, and occasional golfing adventures.
Kevin Dale  
Hendrick, Phillips, Salzman & Flatt, PC  
230 Peachtree St., N.W., Suite 2500, Atlanta, GA 30303-1515  
T: 404-522-1410 ~ F: 404-522-0766

Kevin attended Emory University, where, studying political science, he earned his B.A. Mr. Dale received his law degree from Emory University School of Law where he took part in the homeless advocacy program and intra-scholastic moot court competition. After practicing construction litigation in Atlanta for two years, Kevin moved to Washington, D.C. where he worked at the American Institute of Architects in their Contract Documents Department. Later, he practiced in a general commercial litigation firm in the Washington, D.C.

He brings over a decade of construction and litigation experience to his clients. Kevin’s practice focuses primarily in the areas of contract consulting, construction liens, construction litigation, and general commercial litigation for the construction industry clients including the representation of owners, general contractors, subcontractors and suppliers with regard to local, national and international matters. He also represents construction clients in arbitration and mediation proceedings.

Kevin is a member of the American Bar Association and the Atlanta Bar Association. He is also a member of the Maryland Bar, the District of Columbia Bar, and the State Bar of Georgia. His practice areas are: construction litigation, construction lien law, contract consulting and general commercial litigation for construction clients.

He lectured at seminars sponsored by Lorman Educational Seminars entitled: Construction Lien Law in Georgia: Using the Sword and Shield Effectively. Kevin also presented “Firestopping Liability and You!” to the FCIA at the Education and Committee Action Conference in New Orleans, Louisiana; and Killer Contract Clauses at the Education and Committee Action Conference in Las Vegas, Nevada.

Tony Gamble, DRI  
Apex Firestop,  
13840 Packard St., Houston, TX 77040  
T: (713) 690-4725 ~ F: (713) 996-9410 ~ Email: tonygamble@yahoo.com

Tony has been a member of the FCIA since FCIA’s third meeting in 1999, held in Atlanta. Tony is the founder of and half owner of APEX Firestop located in the great state of Texas. Tony is an FM 4991 Designated Responsible Individual (DRI) and APEX Firestop in an FMG 4991 Approved Firestop Contractor. APEX Firestop has been in business since 2000 and is solely devoted to the Firestop Industry. APEX Firestop provides service in Houston, Austin, San Antonio and surrounding areas in Texas.
Tony has prior experience as an environmental health and safety consultant, Fire Fighter I & II training from Texas A&M University, and a Bachelor of General Business Administration from Sam Houston State University.

He is currently a member of The American Society for Healthcare Engineers, (ASHE) and the Houston Area Association for Hospital Engineering (HAAHE). Tony is also an Eagle Scout with a Gold and Bronze Palm.

Tony is currently engaged to Valeria Salvagio with plans to marry sometime next year.

**Jeff Gould, Senior Engineering Specialist**

FM Approvals  
P.O. Box 9102, Norwood, MA 02062  
T: 781-255-4873 ~ Email: jeffrey.gould@fmglobal.com

Jeff is a Senior Engineering Specialist in the Materials Group of FM Approvals. Jeff has been with FM Approvals for over 23 years in various engineering and managerial capacities. He represents FM Approvals on a number of technical committees including NFPA committees and other various code bodies. He has also been involved with the research and development of a number of test methods and standards that are used to assess products destined to become FM Approved. Jeff has been involved in the development of the 4991 Approval Contractor program from its inception and worked closely with the industry in developing the Approval Standard.

Jeff has a BS in Civil Engineering from Southeastern Massachusetts University (now UMASS – Dartmouth) and is a Registered Professional Engineer in the Commonwealth of Massachusetts.

**Anne Guglielmo, CFPS, CHSP, LEED A.P., Associate Director, Standards Interpretation Group**

The Joint Commission  
1515 W. 22nd Street, Suite 1300W, Oak Brook, IL  60523  
T: 630.268.7400 ~ F: 630-792-5005 ~ Email: aguglielmo@jcaho.org

Anne Guglielmo is an Associate Director in the Standards Interpretation Group at The Joint Commission serving as one of four engineers. In this role, she provides interpretation of standards, reviews equivalency and extension requests, conducts periodic performance review conference calls, serves as faculty for educational programs and conducts surveys.

Ms. Guglielmo came to The Joint Commission in 2010 with ten years experience in Fire Protection Engineering. Prior to joining The Joint Commission she worked as a Fire
Protection Engineer in the Design and Construction Industry reviewing plans for fire protection and life safety code compliance, field survey and documentation, preparing and presenting project submittals, energy code compliance modeling and project equivalency identification and preparation.

Ms. Guglielmo is a Certified Fire Protection Specialist (CFPS) and a Leadership in Energy and Environmental Design Accredited Professional (LEED A.P.) She is a member of the National Fire Protection Association (NFPA), the Society of Fire Protection Engineers (SFPE) and the International Code Council (ICC). Ms. Guglielmo received her Bachelor of Science degree in Civil Engineering, specialized in Fire and Life Safety Engineering from the Illinois Institute of Technology, in Chicago, Illinois.

**Dr. John Hall**, Division Director for Fire Analysis & Research

National Fire Protection Association (NFPA)

NFPA Headquarters

1 Batterymarch Park, Quincy, MA 02169-7471

T: 617-770-3000 ~ Fax: 617 770-0700 ~ Email: jhall@NFPA.org

Dr. John R. Hall, Jr. is the Division Director for Fire Analysis and Research at the National Fire Protection Association (NFPA) in Quincy, Massachusetts. Dr. Hall's division at NFPA is responsible for the measurement of the national fire problem and the communication of the results as a statistical basis for fire protection strategies. Dr. Hall has authored or co-authored scores of articles and reports on fire statistics, effectiveness of fire service management practices, and fire risk analysis. He was formerly an Operations Research Analyst with the U.S. Fire Administration and with the National Bureau of Standards Center for Fire Research, after serving as a Senior Research Associate with the Urban Institute. He has been active in fire analysis and fire research for nearly 35 years.

He holds a B.A. in Mathematics from Brown University and a Ph.D. in Operations Research from the University of Pennsylvania. He is a member of the Institute for Operations Research and the Management Sciences, the American Society for Testing and Materials Committee E5 on Fire, and the International Association for Fire Safety Science. He has served as an officer or member of the governance structure of all three of these organizations. He is also currently the convenor of the Fire Risk Assessment working group of ISO TC 92 SC4 and the chair of the US TAG to ISO TC92. He is a member of the Society for Risk Analysis.
Eric Keeton, DRI  
Dalton Maintenance, Inc.  
101 W. Main St. ~ Medway, OH 45341  
T: 937-849-9055 ~ Email: ekeeton@daltonprotection.com

Eric Keeton, DRI, is Dalton’s firestopping expert. Keeton joined Dalton in 1985, and has succeeded at every job in the company from fieldwork to managing its installers. In 2000, Dalton began concentrating on the emerging firestopping market. Since then, Eric has reached the highest levels of industry training and certification. He is a FM 4991-DRI and has tested to UL’s Firestop Exam.

Eric joined the FCIA in 2005, since then he has participated on the “Legislative”, “Program” and “Standards” Committees. He is currently the Chair of the Standards Committee. Eric has been on the Board of Directors for the past (2) years, and currently holds the position of Secretary.

Eric has been married for 24 years to Ginger, and has two daughters Kori and Brandi both currently attending Capital University. He enjoys playing golf, shooting skeet/trap, hunting and snowmobiling in his spare time.

William E. Koffel P.E., FSFPE  
Koffel Associates Inc.  
8815 Centre Park Dr, Suite 200, Columbia, MD 21045-2107  
T: 410-750-2246 ~ Fax 410-750-2588 ~ Email: wkoffel@koffel.com

Bill Koffel is President of Koffel Associates, a fire protection and life safety engineering design and consulting firm. He is recognized as an expert in the fire protection and life safety aspects of codes and standards. Headquartered in the Baltimore-Washington metropolitan area, the firm provides consulting; engineering design & construction administration; codes & standards development; seminar development & training; product testing & evaluation / representation; and litigation support to public and private clients worldwide.

Bill remains active in the development process of the industry’s governing codes, standards and design guidelines including International Code Council (ICC), NFPA, Society of Fire Protection Engineers (SFPE) and Underwriters Laboratory (UL).

A former code official with the Maryland State Fire Marshal’s Office, he is a Past President and Fellow of the SFPE.
Gary Lougheed, Ph.D.
National Research Council of Canada
1200 Montreal Rd., Bldg. Building M-59, Room 216, Ottawa, ON K1A 0R6
T: 613-993-3762 ~ F: 613-954-0483 ~ Email: Gary.Lougheed@nrc-cnrc.gc.ca

Dr. Gary Lougheed is a Principal Research Officer with the Fire Research Unit, National Research Council of Canada where he has more than 36 years research experience. He has managed various research projects involving bench- and full-scale fire experiments.

Dr. Lougheed has written or co-authored more than 200 publications, of which more than 100, were in refereed journals or conference proceedings. His primary research activities are directed at smoke movement and smoke control in high-rise buildings and atria. He is also involved in ongoing projects to determine minimum code criteria for structural elements in single family dwellings, to develop design fires for multi-family dwelling units based on real fire loads and to develop alternatives solutions for the use wood-based structural elements in mid-rise buildings.

Tracy Smith, DRI
Firestop Southwest, Inc.
2318 S. Industrial Park Ave., Tempe, AZ 85282
T: 480-752-8550 ~ Email: tracys@firestopsouthwest.com

Tracy has been involved in the firestop industry since 1983, which includes 10 years as an Installer, 10 years as an Estimator/Project manager and 10 years as an Owner/Partner of Firestop Southwest, Inc. based in Tempe, Arizona. His experience includes commercial, industrial, healthcare and high-tech facilities. Firestop Southwest, Inc. is a UL Qualified Firestop Contractor.

Tracy is the current Vice President and incoming President of the FCIA. His professional memberships include FCIA, LSO, ASHE, CASHE and NFPA. Tracy has been an active member of FCIA since early 2007 with Firestop Southwest, Inc. and previously involved through previous employment. He is co-chair of the Code Committee and sits on the Standards committee.

Tracy and his partner Ana Zieser have four daughters ages 22, 20, 19 and 7 and one grandson who was born September 28, 2012. He enjoys the outdoors, riding Harley's, quads, horses, camping, hunting and fishing. He volunteers his time at Phoenix Children’s Hospital and the Muscular Dystrophy Association.
Betsy Titus, Program Development Manager
Underwriters Laboratories, Inc.
333 Pfingsten Rd., Northbrook, IL 60062-2096
T: 847-272-8800 ~ Email: Elizabeth.titus@us.ul.com

Betsy is Program Development Manager for the Building Materials, Life Safety & Security Sector of UL LLC. In this role, Betsy identifies new opportunities for UL and develops those opportunities into services that provide value to UL’s customers and its stakeholders that include authorities, building owners, architects, contractors, insurance organizations, retailers and the general public. Her role and responsibilities also include growing UL’s business globally through analysis of business environment and opportunities in Asia, Europe, Middle East and Latin America, development of business plans and implementation of plans through partnerships with UL’s management and staff business partners worldwide.

Betsy began her 20+ year career at UL as a project engineer testing and certifying a variety of products for fire safety. Her technical career at UL expanded to include large-scale fire testing in UL’s state-of-the-art fire test facility to address sprinklered warehouse fire protection. In 1992, Betsy transitioned from a technical role at UL to a business role in which she had the opportunity to lead teams responsible for establishing UL facilities worldwide, developing partnerships worldwide and developing new services to expand UL’s service offerings. Betsy graduated from Valparaiso University with a Bachelor of Science in Civil Engineering.

Nate Wittasek, P.E., CFEI, LEED AP
Exponent Engineering and Scientific Consulting
5401 McConnell Ave., Los Angeles, CA 90066
T: 310.754.2750 ~ F: 310.754.2799 ~ Email: nwittasek@exponent.com

Nate Wittasek is a Senior Managing Engineer in Exponent’s Thermal Sciences practice in Los Angeles, CA, specializing in fire protection engineering, building and fire codes, accessibility, failure analysis, and origin and cause determination. He has more than 15 years of experience providing fire protection engineering codes consulting and failure analysis.

Mr. Wittasek has extensive experience addressing issues related to combustible and flammable liquids, explosions, fire alarm and detection systems, fire resistive compartmentation and materials, fire department access and water supplies, fire modeling, fire testing of construction assemblies, fire suppression systems, flame spread analysis, hazardous materials classification and mitigation, means of egress, smoke movement and smoke control.
FCIA Recognizes the following Member firms:

**FCIA Platinum Member Sponsors**

- HILTI
- Specified Technologies Inc.

**FCIA Gold Member Sponsor**

- 3M

**FCIA Silver Member Sponsors**

- BALCO Inc.
- Therafiber
- Thermal Ceramics

**FCIA Bronze Member Sponsors**

- EMSEAL Joint Systems Ltd.
- International Carbine Technology Co., Ltd.
- Intumescent Technologies LLC
- The RectorSeal Corporation
- ROXUL Inc.
Ray Usher Memorial Golf Tournament

The Ray Usher Memorial Golf Tournament is named in memory of Ray Usher, FCIA Past President, (Superl, Inc). Ray passed away in 2005. This year’s event is at Disney’s Osprey Ridge Golf Club.

Tournament proceeds are used to fund the FCIA Bob LeClair Scholarship, named in honor of another FCIA Past President, Bob LeClair, who died suddenly in 2011. Students from the University of Maryland, Fire Protection Engineering Department apply yearly for this award. This brings FCIA’s story to the fire protection engineering field and exposure of firestopping and Effective Compartmentation to these future Fire Protection Engineers.

Champion trophies and event prizes for Closest to the Pin, Longest Drive and Longest Putt for are distributed to winners. Relationships are developed at FCIA Conferences and Outings that last a lifetime. The Ray Usher Memorial Golf Outing adds to the fun and fellowship.

FCIA Thanks 2012 Ray Usher Memorial Golf Tournament Sponsors

3M Fire Protection Products
Balco, Inc.
Firestop Southwest
Hailey Insulation Corp.
HILTI
Multicon Fire Containment
PPMI Firestop, Inc.

Hilti
RectorSeal Corp.
Specified Technologies Inc.
Thermafiber Inc.
Thermal Ceramics

Golf Item Donations:
• 3M – Tees and 3M Gift Boxes
• HILTI – Sleeves of Golf Balls
• Specified Technologies, Inc. – Golf Towels & Tee Packets

Upcoming FCIA Events – Mark Your Calendars!
• FCIA Education & Committee Action Conference – April 30-May 3, 2013
• FCIA Firestop Industry Conference & Trade Show – November 5-8, 2013
Efficient Design and Quality Construction makes Albion the only choice for Professional Firestop Tools.

- Albion has available a wide variety of bulk, sausage and cartridge guns
- Metal and plastic nozzles
- Accessories, bulk loaders and parts

Manufacturers of manual, battery, and air-powered dispensing tools and accessories for the most demanding professional and industrial applications.

Albion Engineering Co.
1251 N. Church St.
Mount Vernon, IN 47620
317-278-6080 fax: 317-347-7132
E-mail: servis@albioneng.com

-Life Safety Digest-

**INTUMESCENT TO YOUR SPECIFICATIONS**

Custom or stock solutions and applications for doors, louvers, wraps, joints, pipe, electrical box inserts, head-of-wall joint systems, sheets. Both soft and hard char intumescent material in colors and various thickness or to special needs. Test compliance to most US and International standards.

ZERO INTERNATIONAL
www.zerointernational.com
718-585-3230 / 800-635-5335

---

**THE ADVENTURES OF DR. LUMINOUS**

In this issue, what starts out as a typical work day quickly becomes terrifying when an earthquake strikes suddenly!

THEN, ADDING TO THE MASSIVE PANIC AND CONFUSION, THE LIGHTS GO OUT!

- I CAN'T SEE ANYTHING! HELP!
- HEY! THAT'S MY FOOT!
- AHHHHHH!
- CALL SOMEONE!
- WHAT'S HAPPENING!!
- GET ME OUTTA HERE!!
- WHERE IS THE STAIRWELL?

IT'S OK FOLKS... EVERYTHING IS GOING TO BE JUST FINE. SIMPLY FOLLOW MY PHOTOLUMINESCENT MARKINGS TO SAFETY!
When all the lights are out...

**AMERICAN PERMALIGHT INC.**

UL LISTED

Photoluminescent Egress Path Markings & Exit Signs

Torrance, CA 90505
Call us Toll Free at (888) 737-6254
www.americanpermalight.com
info@americanpermalight.com
Precut fire safing insulation in a resealable bag
Quick, convenient and jobsite friendly.

Easy-to-carry, lightweight bag.

- Ideal for plumbing, telecom and electrical poke-throughs
- Designed for poke-through/penetration fire stop systems
- 12 precut 10" x 10" x 4" pieces
- UL®/Intertek® listed
- Convenient, lightweight, resealable, "zip-style" bag

Ask your favorite building supplies retailer to stock Thermafiber® SafingPaks®, call 1–888–834–2371 or email us at safingpaks@thermafiber.com.
Professional Training Yields
Expert Fireproofers

Call us for information about today’s fireproofing and plastering systems and the best people to apply them.

Chicago Plastering Institute
9611 W. 120th Street
Alsip, IL 60803
(708) 371-3100
PCI is recognized in the industry for excellence in service, quality, understanding clients’ needs, and promoting partnerships. Whether we maximize value through cost savings or project management, we add margin to your bottom line.

YOU ARE HIRING THE BEST
PCI is an elite firestop contractor that has earned multiple accreditations for our reliability and performance.

CODE COMPLIANT:
NFPA, JCAHO, DOH & IBC

CONTACT US TODAY!
(800) 255-6886 www.PCG.com

PASSIVE FIRE-RATED WRAP/ENCLOSURE APPLICATIONS • HEAD OR TOP OF WALL EDGE OF SLAB • THROUGH PENETRATIONS FOR MECHANICAL, ELECTRICAL & PLUMBING
A reliable emergency smoke management system is a life-saving component of any building's design. Clearing and blocking dangerous smoke from rooms, hallways and stairwells helps occupants breathe and see during evacuation procedures — and helps to safeguard emergency crews as they go about their work.

Greenheck offers a full line of smoke-control products licensed by AMCA and listed with UL/cUL, including centrifugal and propeller rooftop upblast fans, inline propeller fans, and a complete line of smoke and fire dampers. These products can be integrated into a dedicated fire/smoke emergency system, or serve double-duty as components of your everyday ventilation system.

As the industry leader, Greenheck is able to meet whatever air movement and control challenges you face, from simple to complex.

Learn more at greenheck.com/4smoke

715.359.6171 greenheck.com
Protect What’s Important
Roxul® Fire Resistant Insulation

Noncombustible® Fire Resistant Insulation
- Zero Flame Spread™/Zero Smoke Development™
  Commercial Roofing & Wall Cavity products
  ASTM E 84 (UL 723), CAN/ULC S114
- FM Approvals 4470 NCC
  (noncombustible core) rated roof insulation

Driving Building Performance
- Energy Saving Long-Term R-Value
- Sound Absorbent
- Moisture, Mold, & Mildew Resistant

Sustainable
- LEED® Points Eligible
- ICC-ES SAVE™ Certified
  75% - 93% recycled content®

What did you learn in school?

www.roxul.com Tel: 1 800 265 6878

ROXUL®
The Better Insulation
The Clear Solution
JUST GOT CLEARER

SuperLite II·XL™ with Starphire Ultra-Clear Glass by PPG

WWW.SAFTI.COM
888.653.3333

SAFTI FIRST
Proudly made in USA

Specified Technologies Inc. is an industry leading firestop manufacturer with its headquarters located in Somerville, NJ USA. American owned and operated since 1990, STI has a strong commitment to manufacturing and assembling its products in the United States. STI has offices in Latin America, Europe, the Middle East, India and China with representation across every continent. As the industry leader, STI is committed to offering the right products, tested systems and specification tools to get the job done right, the first time.
Consultants in the field of fire engineering have long recognized the danger to human life and damage to property that can be caused by smoke spreading through buildings, even when the fire is confined to a small area. RUSKIN Inspector™ represents new generation life safety damper test systems and simplifies installation and commissioning of fire/smoke dampers.

RUSKIN Inspector™ is the perfect building management companion for
- Hospitals
- Airports
- Hotels
- Office Buildings
- School Campuses
- High-Rises

At Ruskin, we are committed to providing the easiest and safest UL products in the industry. We are dedicated to delivering energy and labor-saving solutions that provide sustainable savings year after year.

To learn more about the Rusk Inspecotr™ and other Ruskin Life Safety products, visit our website at www.ruskin.com/InspectorLDigest or call us at (816) 761-7476.

Our wired system shown above is ideal for new projects and major retrofits and includes loss prevention through continuous monitoring of life safety equipment. Factory commissioning at the job site is also included. Our wireless system uses radio frequency to close and reopen dampers during cycle testing with a remote control. This enables the facility manager to perform testing in hard to reach or obstructed areas effortlessly.
FyreWrap® Duct Insulation delivers more to every member of your project team.

FyreWrap® Elite™ 1.5 Duct Insulation is ideal for the insulation of duct systems in hotels, schools, restaurants, high rise condos, medical facilities, research labs, and sports arenas and stadiums. This flexible, lightweight duct wrap provides a single fire protection solution for both air distribution and grease duct systems.

FyreWrap Elite 1.5 Duct Insulation offers:

- Space-saving shaft alternative for air distribution and grease duct systems.
- 2 hour fire-rated duct protection; zero clearance to combustibles.
- Solutions for building design and complex job configurations.
- Thin, lightweight flexible blanket for faster, easier installation.
- Offers both fire and insulation performance.

- Complies with NFPA 96, ICC and IAPMO Codes.
- Made in USA.

A FyreWrap product specification in several formats is available at www.arcat.com; search using keywords Unifrax, FyreWrap or www.unifrax.com. For more information on FyreWrap Elite 1.5 or other products, certifications, code compliance, installation instructions or drawings, contact Unifrax Corporate headquarters USA at 716-278-3800.

www.unifrax.com
IF YOU’RE NOT LIFTING SHEETROCK® BRAND ULTRALIGHT PANELS, WHAT ARE YOU LIFTING?

Relieve the drag with SHEETROCK® Brand UltraLight Panels FIRECODE® 30. Up to 30% lighter and easier to lift, carry and install than standard 5/8” drywall panels. Optimized to be a more efficient, sustainable choice for non-rated and 30-minute partitions. Another first from USG, The Leader in Lightweight Innovation.”

TheWeightHasBeenLifted.com
<table>
<thead>
<tr>
<th>TUES., NOV. 6TH</th>
<th>Tuesday Education, FM &amp; UL Exams</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 9:00 a.m.</td>
<td>Continental Breakfast for Education Review &amp; Exam Attendees</td>
<td>Salon 8</td>
</tr>
<tr>
<td>9:00 – 10:30 a.m.</td>
<td>FCIA Management System Manual Development Education</td>
<td>Salon 2</td>
</tr>
<tr>
<td>10:45 a.m. - 12:00</td>
<td>FM &amp; UL-ULC Firestop Exam Education</td>
<td>Salon 2</td>
</tr>
<tr>
<td>1:00 – 4:30 p.m.</td>
<td>FM &amp; UL-ULC Firestop Exam</td>
<td>Salon 2</td>
</tr>
<tr>
<td>5:00 – 6:00 p.m.</td>
<td>Welcome Reception <em>Everyone Welcome!</em></td>
<td>Whitehall Patio</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Dinner on Your Own</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WED., NOV. 7*</th>
<th>Wednesday Education Program</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 – 8:30 am</td>
<td>Exhibitor Tabletops Open! FCIA Continental Breakfast</td>
<td>Salons 4 &amp; 5</td>
</tr>
<tr>
<td>8:30 - 9:45 am</td>
<td>FCIA Education Sessions on F &amp; T Ratings; FCIA Industry Issues</td>
<td>Salons 4 &amp; 5</td>
</tr>
<tr>
<td>10:15 a.m.</td>
<td>Bus leaves for FCIA Ray Usher Memorial Golf Tournament at Disney’s Osprey Ridge</td>
<td>Bus Leaves from Con. Ctr. Porte Cochere</td>
</tr>
<tr>
<td>11:00 a.m. – 6:00 p.m.</td>
<td>Non-Golfers: Visit the Exhibitor Tabletops &amp; enjoy time on your own</td>
<td>Salons 4 &amp; 5</td>
</tr>
<tr>
<td>6:00 – 7:00 p.m.</td>
<td>FCIA Reception &amp; Golf Awards <em>Everyone Welcome!</em></td>
<td>St. Augustine CD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>THURS., NOV. 8*</th>
<th>Thursday Education Program</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 – 8:30 a.m.</td>
<td>Exhibitor Tabletops Open &amp; FCIA Continental Breakfast</td>
<td>Salons 4 &amp; 5</td>
</tr>
<tr>
<td>8:30 – 9:00 a.m.</td>
<td>FCIA President’s Welcome &amp; Association Report; Board Candidates Present</td>
<td></td>
</tr>
<tr>
<td>9:00 – 10:00 a.m.</td>
<td>FM 4991 Approved Contractor Program Update UL-ULC Qualified Firestop Contractor Program Update</td>
<td></td>
</tr>
<tr>
<td>11:45 a.m. – 12:15 p.m.</td>
<td>Luncheon &amp; IFC Speaker; Exhibitor Companies Present</td>
<td></td>
</tr>
<tr>
<td>2:00 – 2:45 p.m.</td>
<td>John Hall, NFPA’s Chief Statistician</td>
<td></td>
</tr>
<tr>
<td>3:00 – 4:15 p.m.</td>
<td>Nate Wittasek, Compartmentation, Fire Resistance &amp; Energy Codes</td>
<td></td>
</tr>
<tr>
<td>4:15 – 5:00 p.m.</td>
<td>FCIA Voting Members (Contractors Only) Session</td>
<td></td>
</tr>
<tr>
<td>6:00 – 7:00 p.m.</td>
<td>FCIA Annual Rewards Reception <em>Everyone Welcome!</em></td>
<td>Grand Foyer Recept.</td>
</tr>
<tr>
<td>7:00 – 10:00 p.m.</td>
<td>FCIA Annual Awards Dinner - John Barrios, City of Tampa; FCIA Awards</td>
<td>Salon 6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FRI., NOV. 9*</th>
<th>Friday Education Program</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 – 8:30 a.m.</td>
<td>FCIA Continental Breakfast</td>
<td>Salons 4 &amp; 5</td>
</tr>
<tr>
<td>8:30 – 9:30 a.m.</td>
<td>FCIA International Education Session –NRC of Canada’s Gary Lougheed</td>
<td></td>
</tr>
<tr>
<td>10:00 – 11:00 a.m.</td>
<td>FCIA Healthcare Session – Anne Guglielmo of The Joint Commission</td>
<td></td>
</tr>
<tr>
<td>11:15 a.m. – 12:15 p.m.</td>
<td>FCIA Legal Session – Kevin Dale, Hendrick Phillips</td>
<td></td>
</tr>
<tr>
<td>12:15 p.m. -12:30 p.m.</td>
<td>Conference Wrap Up; FCIA Firestop Industry Conference &amp; Trade Show Ends</td>
<td></td>
</tr>
</tbody>
</table>

*Exhibitor Tabletops are open Wednesday morning, Thursday all day, and Friday morning