

2016 ONE-DAY CONFERENCE

REGISTER NOW!

Thursday, July 21st

**JHU Applied Physics Lab - Parsons Auditorium
Laurel, Maryland 20723**

FEES:

On-site Attendance: \$80

- **Direct access to our Panel of Experts**
- Ticket for the Door Prize drawing
- Breakfast
- Lunch
- Snack

On-Site Space is Limited

Webinar Only: \$20 per webinar

- *Live webinar(s)*
- *View from your location*

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AGENDA

7:30 AM - 8:00 AM - Continental Breakfast / Registration

8:00 AM - 8:15 AM - Welcome

8:15 AM - 10:00 AM - NFPA 2012 *Life Safety Code*[®]: It's Impact on New and Existing Facilities

10:00 AM - 10:30 AM - Morning Break

10:30 AM - 11:30 AM - 2012 Life Safety Code® Reference Standards: Their Impact on New and Existing Facilities

11:30 AM - 12:30 PM - Lunch

12:30 PM - 1:45 PM - Chapter 43, NFPA 101®: New Requirements For Work In Existing Facilities

1:45 PM - 2:15 PM - Afternoon Break

2:15 PM - 3:15 PM - NFPA 45: Flammable Liquids and other hazardous substances in Laboratories (gases, acids, explosive powders, etc.)

3:15 PM - 4:00 PM - Ask The Expert Panel - Do you have questions that you just can't seem to get an answer for? Well now's your chance! Speak directly with our experts and get answers to all your burning questions.

***Continuing Education Credits will not be given. Certificate of Attendance will be emailed within 30 days.**

SESSION DESCRIPTIONS

NFPA 2012 Life Safety Code®: It's Impact on New and Existing Facilities

Presenters:

Sarina L. Hart, P.E.

Lennon A. Peake, P.E.

Allison C. Ellis, P.E.

This session will highlight the impact the 2012 Edition of *NFPA 101* will have on new and existing health care facilities and the rationale behind the changes from the 2000 Edition. In addition to the changes covered by the categorical waiver process, some of the changes that were discussed included requirements for separating multiple occupancies, normally unoccupied building service areas, elevators for occupant-controlled evacuation, labels for fire-rated glazing, Fire-resistant joint systems, interior finish test requirements, and common path of travel requirements.

2012 Life Safety Code® Reference Standards: Their Impact on New and Existing Facilities

Presenter:

William E. Koffel, FSFPE, P.E.

The Centers for Medicare & Medicaid Services has adopted the 2012 Edition of *NFPA 101*. *NFPA 101* contains numerous reference standards that impact the operation of health care facilities. Significant changes in the reference standards in the 2012 Edition, as compared to the 2000 Edition, include sprinkler protection in patient room closets; bracing and restraint of fire protection piping, inspection, testing, and maintenance of fire protection systems; antifreeze in fire protection systems; mass notification systems; required inspections of fire doors; and glazing in wood fire doors.

Chapter 43, NFPA 101®: New Requirements For Work In Existing Facilities

Presenter:

William E. Koffel, FSFPE, P.E.

The Centers for Medicare & Medicaid Services has adopted the 2012 Edition of *NFPA 101*. The 2012 Edition contains a new chapter on rehabilitation projects in existing buildings. Chapter 43 covers repairs, renovations, modifications, reconstruction, change of use, and change of occupancy classification projects. With the amount of work that goes on in existing hospitals, one needs to have a thorough understanding of the impact that Chapter 43 will have on such projects.

NFPA 45: Flammable Liquids and other hazardous substances in Laboratories

Presenters:

Sharon S. Gilyeat, P.E.

William T. Higgins

This presentation will cover the scope and requirements for laboratories using hazardous materials. It will specifically address how to apply the standard to laboratories using flammable and combustible liquids. The presentation will cover lab classifications, design, and construction along with the storage, handling, and disposal of flammable and combustible liquids. With the adoption of the 2012 Edition of *NFPA 101* by The Centers for Medicare and Medicaid Services, the requirements for health care laboratories have changed and they now are covered entirely under NFPA 45. With technology and processes always changing in labs, it is vital to understand the application of NFPA 45.

Ask The Expert Panel

Panelists:

William E. Koffel, FSFPE, P.E.

Sharon S. Gilyeat, P.E.

Clay P. Aler, P.E.

Sarina L. Hart, P.E.

Erik H. Anderson, P.E.

Lennon A. Peake, P.E.

Allison C. Ellis, P.E.

William T. Higgins

Do you have questions that you just can't seem to get an answer for? Well now's your chance! Speak directly with our experts and get answers to all your burning questions.

SPEAKER BIOS

William "Bill" E. Koffel, FSFPE, P.E.

President

Bill Koffel is President of Koffel Associates, a fire protection and life safety engineering design and consulting firm. Mr. Koffel is recognized as an expert in the fire protection and life safety aspects of codes and standards. He is extremely active in the development process of the industry's governing codes, standards, and design guidelines including International Code Council (ICC), National Fire Protection Association (NFPA), Society of Fire Protection Engineers (SFPE), and Underwriters Laboratory (UL). He served as a past



President of the SFPE and also served as a former code official with the Maryland State Fire Marshal's Office.

Sharon S. Gilyeat, P.E.

Principal

Mrs. Gilyeat has more than 35 years of fire protection engineering experience. Her experience includes developing and teaching courses on NFPA 101®, The Life Safety Code®, the Fire Safety Evaluation System (FSES), and NFPA 99, Standard for Health Care Facilities; working extensively with The Joint Commission Statement of Conditions™ program; and instructing the Basic Life Safety Code course for the Centers for Medicare and Medicaid. Prior to joining Koffel Associates, Inc. she worked for the Engraving and Printing and the U.S. Printing Office. During her employment with the Federal Government, she was responsible for the development of fire protection and life safety policy and training.



Clay P. Aler, P.E.

Principal

Mr. Aler has more than 29 years of fire protection engineering experience, including eight years with the Maryland Office of the State Fire Marshal. His experience includes the application of government and national fire protection and life safety standards to existing and new facilities, extensive plan review, survey and analysis to evaluate compliance with *NFPA 101*, Federal, and local building code criteria. He evaluated existing fire protection systems; developed recommendations for upgrades; reviewed drawings and specifications for existing systems; witnessed tests of fire protection systems; and conducted risk assessments and FSES evaluations.



Sarina L. Hart, P.E.

Manager

Mrs. Hart has more than 15 years of fire protection engineering experience. She is experienced in the application of government and national fire protection and life safety standards to existing and new facilities. Her work experience includes third party plan review, healthcare Statement-of-Conditions survey and analysis to evaluate compliance with *NFPA 101*, fire protection systems design, and general fire protection code consulting. She serves on the VA Advisory Committee on Structural Safety.



Mrs. Hart served in Maryland's Office of the State Fire Marshal for 7 years conducting fire scene investigations to determine origin and cause, performed related criminal investigations for any incidents determined to be incendiary in nature, qualified as an expert witness, and is a certified fire investigator. As a former certified law enforcement officer, Mrs. Hart was an accelerant detection K-9 handler. Over the years she conducted inspections of various occupancies, new and existing, for compliance with local, state and national fire and life safety codes, in addition to witnessing acceptance testing of fire detection and suppression systems. Additionally, Mrs. Hart provided public education and training on various fire and life safety topics.

Erik H. Anderson, P.E.

Manager

Mr. Anderson has more than 24 years of fire protection engineering experience. Mr. Anderson's work experience includes sprinkler and fire alarm design, *Life Safety Code* review, building code analysis, development of upgrade recommendations, and development of performance-based design alternatives.

More specifically, he manages design projects including sprinkler systems, water supply systems, fire alarm systems, fire pumps, AFFF foam systems, gaseous suppression systems, and special hazards systems with tasks including: performing field surveys; authoring survey reports; creating drawings; preparing cost estimates; writing design specifications; and, completing basis of design narrative reports. He tracks project budgets and technical performance, possesses working knowledge of AutoCAD, HASS, UFGS SpecsIntact and other design software, and also performs Construction Administration services.



Lennon A. Peake, P.E.

Manager

Mr. Peake has more than 13 years of fire protection engineering experience. He is experienced in the application of government and national fire protection and life safety standards to existing and new facilities. His work experience includes plan review, survey, and analysis to evaluate compliance with *NFPA 101*, Federal, and local building code criteria. Mr. Peake specializes in health care facilities and has numerous hospital clients where he is maintaining their Statement of Conditions (SOC) for Joint Commission accreditation.



Allison C. Ellis, P.E.

HealthCare Specialist, Registered Fire Protection Engineer

Mrs. Ellis has more than 6 years of fire protection engineering experience. She is experienced in the application of government and national fire protection and life safety standards to existing and new facilities. Her work experience includes plan review, fire-protection system design, Construction Administration services, and general fire protection code consulting. Mrs. Ellis performs assessment of existing sprinkler systems, creation of life safety compliance plans, due diligence surveys, coordination with CAD operators and assisting project managers with tasks such as research, hydraulic calculations, and preliminary fire protection system design. Mrs. Ellis specializes in health care facilities.



William "Will" T. Higgins

Fire Protection Engineer

Mr. Higgins has more than 4 years of fire protection engineering experience. He specializes in areas of fire alarm and sprinkler design, fire protection and life safety surveys, and Life Safety Code® Assessments, including Joint Commission Statement of Conditions preparation. He is also experienced in building, life safety, and fire code analysis and is a member of the National Fire Protection Association and the Society of Fire Protection Engineers.



Expertly Engineering Safety From Fire

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