

Building Codes on Main Street – Decoding Building Code Challenges

AGENDA

All times show in central time

Day 1 Code Overview 10 AM – 3 PM (Break from 12:30 to 1 PM)

Main Street and Building Codes - Mike Jackson, FAIA, Principal, Upstairs Downtown

The IEBC: One Code, Multiple Code Paths – Marilyn Kaplan, Principal, Preservation Architecture

Universal Design: Access for *All* – Frank Heitzman, AIA, Principal, Heitzman Architects

Energy Conservation Codes – Shawn Maurer, Senior Energy Engineer, SEDAC (Smart Energy Design Assistance Center at the Univ of Illinois at Urbana Champaign IL)

Day 2 Fire Safety 10 AM – 3 PM (Break from 12:30 to 1 PM)

Compartmentalization (Passive controls)

What do the ratings mean? *1 Hr., 2 hr., Archaic Materials* – Beth Tubbs Senior Staff Engineer, International Code Council

Intumescent Coatings: Improving Fire Ratings with Minimal Design Impact
– John Simontacchi, CEO, Firefree Coatings Inc.

Detection and Alarms – Thomas Newbold, PE, Landmarks Facilities Group

The smoke detector is the most essential fire safety tool but there are a range of options.

Sprinklers – Nathaniel Wittasek, PE, Simpson Gumpertz & Heger, Los Angeles CA

The sprinkler system is always desired but not always required. This session will look at the basics of sprinkler design for small buildings.

Change of Use – Chris Rute, AIA, RIBA, CR Design, Milwaukee WI

The IEBC has a chapter on Change of Occupancy, which has historically been a trigger for improvements equal to a new building. This session will address changes of occupancy and the risk index system.

Day 3 Applying the Code 10 AM – 3 PM (Break from 12:30 to 1 PM)

The IEBC Performance Path – John P. Curley, AIA, Chief Development Service Officer, Aurora IL

This session will provide a detailed explanation of the Performance Path, which is a numerical scoring system primarily aimed as fire safety improvements. The Performance Path is an underutilized IEBC Code strategy that provides a scoring system for safety that often provides a more economical path for small Main Street buildings.

Case Studies (APT Main Street Code Task Force members)

Projects from across the U.S. will be showcased with complete code data to show creative solutions to complex safety problems. The examples will be selected to represent typical properties found on America's Main Streets.