



Session 3B

Human Behavior in Fire and the Revised SFPE Guide

When the SFPE Guide to Human Behavior in Fire was first published in 2003, it was considered a landmark publication that introduced the fire safety community to human behavior concepts. As a result of significant changes to the body-of-knowledge in the area of human behavior, the SFPE Human Behavior in Fire Task Group updated this guide. This presentation will focus on some of the new topics in this guide and will include a discussion on:

- How the Protective Action Decision Model (PADM) can be used to inform our understanding of the flow of information to occupants
- Incapacitating Effects of Fire Effluent & Toxicity Analysis Methods
- Occupant Behavioral Scenarios
- Movement Models and Behavioral Models
- Egress Model Selection, Verification, and Validation
- Enhancing Human Response to Emergency Notification and Messaging



Chris Jelenewicz, P.E., FSPFE
Technical Director
Society of Fire Protection Engineers

Chris is the Technical Director at SFPE and the Technical Editor of SFPE's Fire Protection Engineering magazine. He is an Associate Editor for Fire Technology Journal. He has a Bachelor of Science degree in fire protection engineering and a Master's in management from the University of Maryland. He is a SFPE Fellow and received the Distinguished Alumni Award in its inaugural year from the University of Maryland's Department of Fire Protection Engineering. Chris is a licensed engineer in the State of California.