



### Session 3A:

### Research Foundation Parking Garage and NFPA 88A Updates

This session will provide a review of the latest in research from both the NFPA research foundation and other organizations across the globe. Case studies of large scale parking structure fires will be presented on to demonstrate how large an impact these fires can have for property owners and vehicle owners. We will discuss testing that has been completed on vehicles and parking systems, as well as changes in NFPA 88A and other codes and standards in response to the ongoing research into modern vehicle hazards.

---

**Amanda Kimball**  
NFPA Research Foundation



Amanda Kimball, P.E., FSFPE, is the executive director of the Fire Protection Research Foundation, the research affiliate of the National Fire Protection Association (NFPA). In her role as executive director, Amanda provides leadership on research initiatives that pertain to fire protection, emergency response, and virtually everything that challenges safety in the built environment. She is also a registered professional fire protection engineer in the state of Massachusetts. Prior to her arrival at the Research Foundation in 2011, she worked for seven years in a consultant capacity for Arup, providing insights on fire protection engineering, building code life safety, the design of fire protection systems, and the egress modeling of buildings and subway stations. Amanda has her BS in civil engineering and MS in fire protection engineering from WPI.

**Melisa Rodriguez**  
Johnson Controls



Melisa Rodriguez, PE, SET, is Sr. Manager, Industry Relations with Johnson Controls. She is a licensed Fire Protection Professional Engineer with 21 years of experience in the industry and has held various roles including Project Manager, Designer, Lead Fire Protection Engineer, and Senior Business Development Manager. She is NICET certified Level IV in Water Based Systems Layout. She earned her Bachelor of Mechanical Engineering and MBA from the University of Minnesota located in Minneapolis, MN. Melisa serves on the MN board of licensure (AELSLAGID), is Vice-Chair of the MN Governor's Council for Fire Prevention and Control, a principal member of NFPA 14, 13R/13D and 88A Technical Committees, alternate member of the NFPA 13 Discharge Committee, NFSA Future Leadership Committee Vice-Chair, SFPE Virtual Learning Subcommittee Chair, and Past President of the MN Chapter Society of Fire Protection Engineers.

---

[WWW.SFPEATLANTA.ORG](http://WWW.SFPEATLANTA.ORG)

Please visit the website for conference costs and registration information.