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**Principal Fire Protection Engineer**  
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<b>SESSION 4C</b>	
<b>Best Practices and Pitfalls of Acceptance and Integrated Testing</b>	
<b>SESSION DESCRIPTION</b>	This session will provide inspectors, installers, engineers, and owners with an overview of best practices for acceptance and integrated testing of fire protection systems including interfaces with other building systems such as elevators, HVAC, smoke control, doors, etc. The session will also include a discussion of potential pitfalls, including examples of failures with systems integration, and how they can be mitigated through best practices.
<b>SPEAKERS BIO</b>	<p>Sam Beale entered the Fire Protection industry quite by chance in 1964, when he began as a sprinkler system designer trainee at Georgia Sprinkler Company, Inc., while attending Georgia Tech at night. When the State of Georgia recognized the discipline of Fire Protection Engineering in (about) 1981, Mr. Beale began the process of applying to take the examination for registration. Several years after becoming licensed as a P.E., he left the contracting side of the industry and opened the consulting firm of S. M. Beale &amp; Associates on August 1, 1995. Mr. Beale is a Member of the National Fire Protection Association (NFPA), as well as the Society of Fire Protection Engineers (SFPE). He has recently been named a Fellow of the association and has served locally as the Treasurer and as a Board Member of the Greater Atlanta Chapter SFPE.</p> <p>Mr. Fisher is a registered fire protection engineer, a Fellow in the Society of Fire Protection Engineers, and a LEED® Accredited Professional in Building Design and Construction with over 24 years of experience in the field. He is currently a principal member of the NFPA Technical Committees on Commissioning and Integrated Testing, Water Tanks and Flammable and Combustible Liquids (Correlating Committee and Operations). Mr. Fisher is also a member of the Building Commissioning Association (BCxA) and the BCxA Professional Development Committee. He is an active member of the Society of Fire Protection Engineers (SFPE) and the SFPE Task Groups on Performance Design Criteria and Building Information Modeling (BIM). He is a Past President of the Greater Atlanta Chapter of the Society of Fire Protection Engineers. Throughout his career, Mr. Fisher has worked as a fire protection engineer for the federal government, a city fire department, and various consulting engineering firms. He is currently a Principal Fire Protection Engineer in the Georgia office of Fisher Engineering, Inc. His experience includes design, review, commissioning and retro-commissioning of active and passive fire protection systems, fire protection system failure analysis, life safety/building code review and analysis, fire hazard analysis and fire modeling. He holds a Bachelor of Science degree in Fire Protection Engineering from the University of Maryland and Master of Business Administration degree from Emory University.</p>

