

Event	Speaker	Time
<b>Tuesday, June 7, 2022   Doors open at 6:45 A.M.</b>		
Opening Remarks	Multiple Speakers	7:00 A.M. – 7:15 A.M.
<u>The Cost of Fire – What we know and what we still need to learn</u>	<u>Birgitte Messerschmidt</u>	7:15 A.M. – 8:15 A.M.
Panel Discussion – <i>More details coming soon!</i>	Multiple Speakers	8:15 A.M. – 9:00 A.M.
<b>Presentation Details</b>		
<p>The cost of fire is often only measured in property losses estimated based on fire incident data. While this is an interesting data point it is only one of the many costs associated with our fire experience. Direct costs of fire also include the cost of loss of life and injuries. Indirect costs of fire have previously been focused on the cost of loss of inventory/turnover due fires in commercial buildings, while leaving out other factors that are more difficult to measure such as cost of environmental impact and societal costs due to health impacts and/or loss of critical infrastructure. Cost of fire is also about the expenditure on fire protection such as active fire protective systems, fire protective products, fire protection costs of construction, the fire department, cost of fire insurance, etc. A lot of work has been done to characterize the total cost of fire, but more work is needed to get the complete picture and to identify the balance between losses and expenditures.</p> <p>This presentation will discuss the different aspects of cost of fire with a focus on the research done by NFPA and the Fire Protection Research Foundation to improve our understanding of the total cost of fire primarily at a national level. It will also touch upon the need for evaluating the benefit of protection measures as an important factor when analyzing cost/benefit at the community or building level. To conclude needs for further research will be identified.</p>		
<b>Birgitte Messerschmidt Bio</b>		
<p>Birgitte Messerschmidt is Director, Research, National Fire Protection Association. She is responsible for NFPA’s Research Strategy, Research on fire problems and other safety issues, Data collection efforts to maintain NFPA’s fire incident and fire service databases and the NFPA Research library. She has a M. Sc. In Civil Engineering from the Technical University of Denmark and has spent her entire career working on fire safety issues. Making our built environment more resilient to fire through better understanding of the impact of construction products and methods, as well as testing procedures and policy has been a career long passion. She has been involved in testing and research as well as standardization and advocacy. She has published and presented numerous papers on fire safety issues.</p>		