



# THE FIRE PROTECTION RESEARCH FOUNDATION

## Symposia

### [SupDet 2010 Call for Papers Deadline October 2](#)

**February 16-19  
Orlando, Florida**  
Participate in the Foundation's annual update on the latest in sprinkler and fire alarm research and technology. Next year's conference will include two special focuses: emergency communication and fire alarm systems; and protection of high challenge warehouses.

## Contact the Foundation

[epeterson@nfpa.org](mailto:epeterson@nfpa.org) for more information or to participate in Foundation programs

### [Foundation Website](#)



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September-October 2009

## New Project

### **Firefighter Safety and Emergency Response in Pre-Planning and Fireground Tactics for Alternative Energy Technologies: two case studies**

The Foundation is conducting this study through a grant awarded to the National Fire Protection Association from the Department of Homeland Security. It addresses two immediate issues of concern to the fire service. The first is emergency response procedures to address firefighter safety in the context of the widespread introduction of electric drive and electric hybrid vehicles. The second is an immediate fire fighter safety concern related to structure fire fighting in the presence of roof solar panels. The goal of this project is to assemble and disseminate best practice tactical information for fire ground incident commanders and fire fighters through a review of available information; review through two fire service workshops; and synthesis in the form of best practice guidance. Contact [cgrant@nfpa.org](mailto:cgrant@nfpa.org)



## Research Planning

### **Detection and Signaling Research Planning**

On September 22nd in Chicago, the Foundation will sponsor a planning session on two priority projects of interest to the NFPA 72 family. The first is designed to develop guidance information to facilitate the planning and implementation of effective emergency communications systems and strategies. The strategies will be developed consistent with other related mass notification initiatives and will consider the threat or hazard, the stage of the event (including pre-event), the sources and recipients of the communications, recommended message content and format, and the methods of message delivery. The second project is designed to develop a firesafety timeline in multi-family residential occupancies, considering fire growth and development with modern residential furnishings, fire protection system actuation times, and associated available egress times. If you would like to participate, please contact [kalmand@nfpa.org](mailto:kalmand@nfpa.org).

### **Dust Explosion Hazard Thresholds**

The Foundation is initiating a project to establish the technical basis for quantitative criteria for determining that a compartment is a "dust explosion hazard" that can be incorporated into NFPA 654 and other relevant safety codes and standards. Sponsors are invited. [kalmand@nfpa.org](mailto:kalmand@nfpa.org)

### **Suppression System Protection Criteria for Boat Storage Structures**

Following a 2008 project funded by NFPA which identified the hazards associated with this growing method of boat storage, the Foundation is initiating a Phase II program to test and evaluate appropriate protection schemes. Sponsors are invited. [kalmand@nfpa.org](mailto:kalmand@nfpa.org)

## Inside the Foundation

**Carl Baldassarra**, P.E., Executive Vice President, Rolf Jensen and Associates and **Peter Willse**, P.E., Director of Research, XL Gaps have been appointed to serve on the Foundation's Board of Trustees. **D.K. Ezekoye**, Ph.D., University of Texas at Austin, and **Elizabeth Buc**, Ph.D., Fire and Materials Research Laboratory, have been appointed to the Foundation's Research Advisory Committee. **Joseph, Senecal**, Ph.D., Kidde Fenwal, has been appointed Chair of the Committee.

