

## Fire Prevention and Mitigation for PV Systems

---

---

---

---

---

---

---

---

### Issues

- PV as the cause of fires
- PV impact on flammability ratings of roof systems
- Firefighter safety
- Changes coming to electric and building codes

---

---

---

---

---

---

---

---

### Agenda

- New Arc Fault Detection Requirements in Codes and Standards  
*Ward Bower, Sandia National Laboratories*
- New PV Provisions in the International Fire and Building Codes  
*Bob Davidson, Davidson Code Concepts*
- Flammability Testing of Standard Roofing Products in the Presence of Stand-off Mounted PV Modules  
*Robert Backstrom, Underwriters Laboratories*
- PV Systems and Firefighter Safety  
*Wes Kitchel, Santa Rose Fire Department, retired*

---

---

---

---

---

---

---

---