

Draft Agenda – 4/21/09 - Fire Fighting Technology Workshop - Draft

2009 Building and Fire Research Laboratory Annual Fire Conference
National Institute of Standards and Technology
Gaithersburg, Maryland
Tuesday, April 28, 2009

- 8:30 Plenary Speaker
TBA
Location: Green Auditorium
- 9:00 Introduction- Nelson Bryner, BFRL
- 9:15 Session 1: Fire Fighting Technology
Real-Time Monitoring of Burning Structures – Zee Duron, Harvey Mudd College
Location, Tracking, and Navigation Systems--- Tactical vs. Rescue –
Wayne Haase, Summit Safety
Simulating Fire Fighter Respirators- Kathy Butler, BFRL
Emergency Responder and Occupant Locator Technology-Francine Amon, BFRL
- 10:30 Break/Poster Session
- 11:00 Session 2: Ventilation: Natural and Unnatural
Wind Driven Fire -Dan Madrzykowski, BFRL
Positive Pressure Ventilation – Dike Ezekoye, University of Texas
TBD
- 12:30 Lunch
- 1:30 Plenary Speaker
Kathleen Almand, NFPA Research Foundation, “ Research Needs From the Perspective of
NFPA Standards Development”
Location: Green Auditorium
- 2:00 Session 3: Fire Fighter Standards
Fire Fighting Technology Needs from NFPA Technical Committees, Casey Grant, NFPA
Research Foundation
Thermal Imager Performance Metrics and Standards, Andrew Lock, BFRL
Fire Fighter Safety and Deployment, Adam Barowy, BFRL
Passive Cooling for First Responders, Nelson Bryner, BFRL
- 3:30 Break/Poster Session
- 4:00 Session 4: Reducing the Flammability of Fire Fighters and Materials
Fire Fighter Protective Clothing Standards, Rick Davis, BFRL
Durability Issues in Ballistic Fibers, Joannie Chin, BFRL
A Model of Melting and Dripping in Fire, Kathy Butler, BFRL
TBD
- 5:30 Close