



2019 F.I.E.R.O. PPE Symposium

Schedule (tentative)

SUNDAY, MARCH 10

3:00 – 6:00 pm: Registration (main lobby)

5:00 –8:00 pm: Reception and Networking (Jimmy V's)

MONDAY, MARCH 11

7:30—8:15 am: BREAKFAST, NETWORKING and REGISTRATION continued (Outside Oak Forest Ballroom)

8:15—8:35 am: Welcome and Opening Remarks

8:35—9:20 am: **PPE And The Law** by *Jim Juneau: Juneau, Boll, Stacy & Ucherek, PLLC, Dallas, TX*

9:20—10:05 am: **A Common Sense Approach to Battle Firefighter Cancer and PPE Issues** by *Keith Tyson, Firefighter/Paramedic, Miami-Dade Fire Rescue Department (ret.) and Vice-President of Education and Research, Firefighter Cancer Support Network*

10:05—10:25 am: BREAK AND NETWORKING

10:25—11:05 am: **From Risk Assessment to Distribution, Protective Clothing Evaluations** by *Captain Patrick Woods, Fire Department of New York and Lieutenant/Quartermaster Jim Reidy, San Antonio Fire Department*

11:05—11:50 am: **PPE Research Update** by *Casey Grant, Executive Director, Fire Protection Research Foundation*

11:50—Noon: **Bruce Teele Excellence Award** *presented by Chief Bruce Varner*

Noon—1:00 pm: LUNCH AND NETWORKING

1:00—1:45 pm: **Broadening Cleaning Practices Beyond Turnout Clothing** *by Jeff Stull, President, International Personnel Protection, Inc.*

1:45—2:30 pm: **Station Wear Selection, Use, and Design in the U.S. Fire Service** *by Dr. Meredith McQuerry, Assistant Professor, Florida State University, and Division Chief Jeremy Metz, West Metro Fire Department*

2:30—2:50 pm: BREAK AND NETWORKING

2:50—3:35 pm: **Concord Decontamination Model and Carcinogen Reduction Methods** *by Battalion Chief Josh Simpson, Concord Fire Department and Board Member, Education and Outreach, North Carolina Cancer Alliance*

3:35—4:20 pm: **Effects of Temperature and Specialized Cleaning Procedures on the Removal of Chemical Contaminants from Fire Fighter Turn Out Gear** *by Jay Tarley, Physical Scientist, NIOSH NPPTL, and Lee A. Greenawald, Physical Scientist, NIOSH NPPTL, and Crystal D. Forester, Research Chemist, NIOSH NPPTL*

4:20—4:45 pm: **Tactical Thermal PPE Management** *by Battalion Chief Andy Starnes, Charlotte Fire Department, and Owner, Insight Training, LLC*

4:45—4:55 pm: Comments from Diamond Sponsors

5:00—7:00 pm: RECEPTION and EXHIBITS and NETWORKING (Governors's Room & Hannover Ballroom)

TUESDAY, MARCH 12

7:30—8:15 am: BREAKFAST and NETWORKING and EXHIBITS (Governors's Room & Hannover Ballroom)

8:15—9:00 am: **Effects of High Temperature Exposure on the Performance of Fire Fighter Equipment** *by Fire Protection Engineer, Michelle Donnelly, National Institute of Standards and Technology-Fire Research Division*

9:00—9:45 am: **Fire Fighting Operational Thermal Environment** *by Dr. Daniel Madrzykowski, P.E., Research Engineer, UL Firefighter Safety Research Institute*

9:45—10:30 am: BREAK and EXHIBITS and NETWORKING (Governors's Room & Hannover Ballroom)

10:30—11:15 am: **PPE, Cancer and Other Related Issues in the Fire Service** *by Keith Tyson, Firefighter/Paramedic, Miami-Dade Fire Rescue Department (ret.) and Vice-President of Education and Research, Firefighter Cancer Support Network*

11:15—Noon: **FD Based Inspections and Repairs: Is it possible?** *by Captain Ritch Moore, Cary Fire Department*

Noon—1:00 pm: LUNCH and NETWORKING

1:15—2:00 pm: **Joint Response Teams - Joining up the Risks and Protections** *by Assistant Chief Chris Case, Chatham-Kent Fire and Emergency Services*

2:00—2:45 pm: **SCBA Facepieces: Mechanical and Thermal Performance** *by Richard Kesler, Research Scientist, Illinois Fire Service Institute*

2:45—3:30 pm: BREAK and EXHIBITS and NETWORKING (Governors's Room & Hannover Ballroom)

3:30—4:15 pm: **NFPA 1500 Update: PPE and Cancer Prevention** *by Battalion Chief Dave Bernzweig, Columbus Fire Department and Director of Health & Safety, Ohio Association of Professional Firefighters*

4:15—5:00 pm: **Traditional Knit Hoods versus Particulate Blocking Hoods: Pros, Cons, and Trade-Offs** *by Dr. J. Bryan Ormond, Assistant Professor, North Carolina State University, Textile Protection and Comfort Center*

5:00 pm: ADJOURN

WEDNESDAY, MARCH 13

7:00—7:45 am: BREAKFAST and NETWORKING (outside Oak Forest Ballroom)

7:45—8:30 am: **Fireground PPE Exposures and How to Mitigate Them** *by Dr. Gavin Horn, Director of Research, Illinois Fire Service Institute*

8:30—9:15 am: **How Clean is Clean: Understanding Cleaning Effectiveness** *by Jeff Stull, President, International Personnel Protection, Inc.*

9:15—10:00 am: **Developing a Turnout Specification that Works for Your Department** *by Captain Chad Christensen and Captain Derrick Chapman, Los Angeles County Fire Department*

10:00—10:20 am: BREAK and NETWORKING

10:20—11:05 am: **The Right Gear for the Job: Balancing Protection vs Physiologic Strain** *by Fire Chief Craig A. Haigh, Hanover Park Fire Department & Illinois Fire Service Institute; Dr. Denise Smith, Director, First Responder Health & Safety Laboratory, Skidmore College, and Illinois Fire Service Institute; and, Andrea Wilkinson, Project Manager for the First Responder Health and Safety Laboratory, Skidmore College*

11:05—11:50 am: **Tradition, Leadership and Contamination Control** *by Rick Swan, Director, International Association of Fire Fighters and Deputy Chief CAL FIRE (ret.)*

11:50 am: SYMPOSIUM ADJOURNS