



afac19

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Professional Development Program

Personal Protective Equipment Symposium

Date: Friday 30 August 2019

Venue: Melbourne Convention and Exhibition Centre

Time: 9.00am–5.00pm

Cost: \$150 +GST

To register please visit www.afaconference.com.au/register

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knowledge to emergency services*

Event overview:

AFAC is pleased to announce that it is hosting another of its successful Personal Protective Equipment (PPE) Symposia as part of the AFAC19 Professional Development Program. The focus of this year's symposium is on developments that are occurring in the areas of wearability, durability, performance and cleaning and decontamination of emergency service's PPE and the testing regimes associated with them. A line-up of international speakers has been engaged to present on these topics.

Professor Bryan Ormond, Ph.D., Assistant Professor, N.C. State University Wilson College of Textiles, Textile Protection and Comfort Center (TPACC) is this year's Keynote Speaker. Professor Ormond has been a researcher in the Textile Protection and Comfort (TPACC) over the past 12 years, Dr. Ormond has focused on developing test methods, standards, equipment, and ensembles for first responders and military personnel to address protection from chemical, particulate, and thermal hazards. His doctoral research with TPACC focused on developing N.C. State University's Man-in-Stimulant-Test (MIST) Facility to evaluate the whole ensemble protection provided by chemical protective ensembles. He has organized and conducted all MIST testing projects in the facility's decade of operation and has had the opportunity to investigate the factors affecting the test.



He currently serves as the chairman for the ASTM F23.30 subcommittee on chemical hazards and is a member of the NFPA Technical Committee on Hazardous Materials Protective Clothing and Equipment, both of which have their own separate MIST standard method. For the most recent revisions of NFPA 1991 and NFPA 1994, Dr. Ormond revised/developed new MIST performance requirements for the four different levels of vapor-protective ensembles.

Dr. Ormond has secured numerous grants and contracts with federal and industrial agencies and organizations to develop protective equipment such as a novel chem/bio sock liner system, an NFPA 1994 ruggedized Class 2 ensemble, and a smoke resistant turnout ensemble to address the cancer concerns in the fire service. Currently, he has FEMA grants to study contamination in firefighter protective clothing including the development of a holistic evaluation of new particulate-blocking firefighter protective hoods as well as investigations into enhanced cleaning/decontamination procedures for firefighter protective clothing and equipment.

Another highlight will be the presentation being given by **Dave Matthews**, Managing Director of Fire and Industrial (PPE) Ltd, on work being undertaken by the ISO committee responsible for Firefighters PPE. This committee has recently released a draft Standard that has a specific focus on cleaning and maintenance of PPE. When published, this Standard will become the first ISO Standard to deal with what is a challenging and emotive subject.

We are also very fortunate to have **Vera DeGlas**, Vera has a MSc in Textiles Engineering from the University College Ghent, a postgraduate in Business Administration from the University of Leuven (KUL) and a postgraduate in Occupational, Safety and Health Management from the Catholic University College Ghent. She worked as Plant Manager for 15 years in a coating production plant. In 2001 started up as R&D engineer in the coating division of SIOEN Industries. Vera has a wealth of knowledge in relation to the cleaning and maintenance of firefighters personal protective clothing.

Other speakers will speak on a range of emergency services PPE related topics making this a truly international event.

A shift to the new norm: riding the wave of change

Who should attend?

- Manufacturers
- PPE Specifiers
- PPE Procurement Personnel
- PPE Cleaning Specialists and anyone that has an interest in PPE for fire and emergency service personnel, including end users.

Program

- Professor Bryan Ormond, Ph.D., Assistant Professor, N.C. State University Wilson College of Textiles, Textile Protection and Comfort Center (TPACC)
Protection and Contamination: Understanding the Roles of the Turnout Ensemble in Firefighter Cancer Prevention
- David Matthews, (UK), Chair ISO and European Firefighter's PPE Committees, Member NFA Correlating Committee
The future challenges of meeting the requirements for cleaning and maintenance of PPE as specified in ISO CD 23616 and NFPA 1851
- Mrs Vera DeGlas has a MSc in Textiles Engineering from the University College Ghent, a postgraduate in Business Administration from the University of Leuven (KUL) and a postgraduate in Occupational, Safety and Health Management from the Catholic University College Ghent.
Firefighter Intervention Clothing: Selection followed by CORRECT USE and focus on PROTECTION on CARE with focus on our research cleaning and maintenance, best practice
- Bill Lawson (USA), President, PBI Performance Products, Inc.
The need for a new thermal testing method
- Alfons Held, (Switzerland), (Global Marketing Leader – Emergency Response) Dupont
Preventing chemical and particulate hazards of our firefighters
- Gordon Burns, (UK), W. L. Gore & Associates (UK) Ltd
Considerations for conducting wearer trials
- Sharan Monga, Solvay (UK)
FR fabrics and their durability in real working conditions, especially to UV

PBI Performance Products INC 'Breakfast Product Release'



Date: Friday 30 August 2019

Venue: Melbourne Convention and Exhibition Centre (same location as PPE Symposium)

Time: 07.30am–08.45am

Cost: Free for those attending the PPE Symposium or by special invitation from PBI

PBI Performance Products wish to invite those who will be attending the AFAC PPE Symposium to a special breakfast product release, this will occur prior to the commencement of the PPE Symposium. You will have the opportunity to engage with other industry experts and Fire and Emergency Services Personnel while enjoying a light breakfast and learning about PBI latest technology.