

**SESSION
DESCRIPTION**

Taught by subject matter experts, this symposium will provide technical insight and information on selected recent and emerging fire protection design techniques, systems, and technologies.

There will be 6 separate, hour-long sessions covering the following topics:

- *Storage/Sprinkler FM Data Sheets* by Bob Brindle, FM Global
- *Intumescent Coatings* by Scott Soesbee, FlameOFF Coatings
- *Advances in Clean Agent Delivery Systems* by Bill Freeman, Minimax
- *Aerosol Fire Extinguishing Systems* by Anthony Gee, Stat-X
- *Advances in Storage Tank Fire Suppression* by Chauncey Naylor, Williams Fire Control
- *Aspirating Smoke Detection Technology* by Xtralis

Speaker bios and further session details are on the following pages.

(Note: Session order may differ from above listing.)



Mr. Robert Brindle
Operations Chief Engineer
Atlanta Region
FM Global

Storage/Sprinkler FM Data Sheets

SESSION DESCRIPTION

Recently, FM Global issued revised versions of Data Sheet 8-9, *Storage of Class 1, 2, 3, 4 and Plastic Commodities*, and a new Data Sheet 2-0, *Installation Guidelines for Automatic Sprinklers*. The revisions introduced an updated way to and select characterize sprinkler system design for storage occupancies.

These changes simplified fire protection choice for storage occupancies, helping to maximize protection effectiveness while minimizing costs to install, and supporting overall sustainable business practices. The changes reflect FM's status as a leader of sprinkler technology through their strong commitment to engineering and research.

Bob will review the changes made to the data sheets as well as their impact on the fire sprinkler design, review and approval community. This session is a must for those involved in the design, review and approval of fire sprinkler systems in storage occupancies

SPEAKER BIO

Bob is a graduate of McNeese State University (Lake Charles, LA) with a BS in Mechanical Engineering and a BS in Mathematics. He joined FM in 1972 as a field engineer and has continually progressed to his current position of Atlanta Operations Chief Engineer. He is responsible for the technical direction for 150 engineers in the Atlanta Operation of FM Global in the southeast USA. He also works closely with FM Global Approvals and Research groups.

Bob has helped author a variety of FM Global Data Sheets and Operating Standards. He is on the panel that sets testing parameters for various product fire tests. He is part of the authorship team for ESFR sprinklers and a number of other Operating Standards. He was instrumental in the approval process for the testing of upright ESFR heads and later mixing those heads with pendant ESFR heads on the same sprinkler system.

Mr. Scott Soesbee
Flame Off Coatings, Inc

Intumescent Coatings

**SESSION
DESCRIPTION**

This session will gain knowledge concerning intumescent coatings including:

- Review standards for fire rated construction and Intumescent Coatings
- Review the differences between required ASTM test Standard and most Intumescent Coatings tests
- Highlight actual assemblies showing the differences in ASTM vs. intumescent coating requirement
- Describe what to ask for when considering intumescent coatings
- Demonstrate differences in assemblies and reveal extrapolations that should not be made in building construction
- Review new standards being applied and the future of coatings in fire safety
- Discuss dry film thickness

SPEAKER BIO

Scott Soesbee started FlameOFF Coatings, Inc treating fabrics in schools, nursing homes, hotels, and theaters. Scott also began providing consulting for these facilities concerning flame retardant needs.

Scott AIA certified in several states and proficient in NFPA 101, NFPA 701, NFPA 255, fire codes and related standards. He has developed a continuing education class for IBC Chapter 7 Fire Resistant Construction involving intumescent coating technology in various states.

Scott has many years of fire testing experience and has been part of the application process of intumescent coating technology by providing ICC and various state agencies information for requiring a dry film thickness reading at the end of any project where a Intumescent Coating was used.

Scott has also worked with NFPA, ICC, and ASTM in submitting new testing standard requirements for intumescent coatings to have third party verification of dry film thickness before fire testing is done. Scott has consulted agencies in assuring that the correct product and correct testing has been submitted to insure that the assembly meets the rating that was designed to achieve.



Mr. William Freeman
Vice President
Minimax USA

Advances in Clean Agent Delivery Methods

**SESSION
DESCRIPTION**

This session will review advances in clean agent delivery methods.

SPEAKER BIO

Bill has over 25 years in the fire protection industry at both the distributor and manufacturer level. He spent 8 years in sales and management positions with a large national fire protection company.

He worked for a leading special hazards manufacturer for 13 years as both an Engineered Systems Manager and as the National Sales Manager.

He is currently a Vice President with Minimax USA a subsidiary of the Minimax/Viking Group and a global manufacturer of fire protection products.

Bill is member of NFPA, FSSA, HARC and NAFED.



Mr. Anthony Gee
Products and Special Applications Manager
Fire Away LLC

Aerosol Fire Extinguishing Systems

SESSION DESCRIPTION

This session will review advances in aerosol fire extinguishing systems.

SPEAKER BIO

Anthony Gee is the Stat-X Product and Special Applications Manager at Fireaway Inc., based in Minnetonka MN.

Anthony is a Mechanical Engineer and has worked in the Special Hazards fire protection industry for over 20 years. Throughout his career Anthony has worked for various well known fire detection and fire suppression manufacturers and supplied integrated fire detection and suppression systems for industrial, offshore, marine, and naval projects in the global market.

Mr. Gee's experience includes manufacturers of aerosol, water mist, clean agent, dry chemical, CO₂, foam, water spray products and fire alarm & control panels.

Mr. Chauncey Naylor
Vice President of Emergency Response Services/
Lead Firefighter
Williams Fire & Hazard Control

Advances in Storage Tank Fire Suppression

**SESSION
DESCRIPTION**

Mr. Naylor will provide an update on advances in fire suppression technology for flammable and combustible liquid storage tank fires including 'point-and-shoot' technique.

SPEAKER BIO

Chauncey Naylor is a 30+ year veteran of the fire service. He began his Municipal Firefighting career in Broward County, Florida in 1979 and culminating with the last 10 years of his career as a Fire Officer for the Port Everglades Port Authority Public Safety Department.

He met Dwight Williams in 1986 and later would work part-time for Williams Fire & Hazard Control as an "on-call" firefighter working industrial fires both land and sea.

In 1996, he moved to Mauriceville, TX to work full time with Williams Fire & Hazard Control. For the past 10 years he has held the position of Vice President of Emergency Response Services and Senior Lead fire Fighter. He has led fire fighting teams to some of the World's largest flammable liquid fires to include the successful extinguishment of a 270' diameter storage tank of refined gasoline, the largest recorded petroleum storage tank fire.

He continues to speak to, consult with and train Fire Professionals, Management Teams and Engineers in the latest cutting edge equipment, tactics and applications.



Mr. David Allan
SE Regional Sales Manager
Xtralis

Aspirating Smoke Detection Technology

**SESSION
DESCRIPTION**

Mr. Allen will provide an update on recent advances in aspirating smoke detection technology.

SPEAKER BIO

David Allen is the Southeast Regional Sales Manager for Xtralis – the manufacturer of VESDA and ICAM air sampling smoke detection systems.

He has over 25 years experience in all facets of fire detection and security systems, including Regional Sales, Project Management, Service Management and Branch Management.

Project experience includes Aero-Space, Telecommunications, Theme Parks, Data Centers, Hospital, Hospitality, Industrial, Correctional and Warehousing. Dave is an active member of the Society of Fire Protection Engineers in Orlando Florida, NFPA, ASHE, FHEA, ASIS and SAME.