

DFW FOAM SUMMIT

at the Fire Training Research Center



FIREFIGHTING FOAM A CRISIS OR A CROSSROADS?

[CLICK HERE
TO REGISTER](#)

- A holistic approach to balancing fire performance and environmental consequences.
- Large Scale Testing of New Generation Firefighting Foams: C6, AFFF, and Fluorine Free (F3)

October 16-18, 2018
DFW Fire Training Research Center

PRESENTED BY:

LASTFIRE 
Large Atmospheric Storage Tank Fires

 **ARCADIS** | Design & Consultancy
for natural and built assets

October 16-18, 2018

DFW FOAM SUMMIT



A CORE CHANGE FOR THE INDUSTRY.

OCTOBER 16-18, 2018

- DFW Foam Summit Conference Event and Fire Extinguishment Demonstrations

OCTOBER 8-12, 2018

- Large Scale Fire Extinguishment Testing (Research Burns)



FIREFIGHTING FOAM SUMMIT & FIRE EXTINGUISHMENT TESTS

An independently-managed event reviewing the current situation related to selection, use, and management of firefighting foam.

A holistic approach to lifetime foam management, balancing fire performance and potential environmental liabilities. The Foam Summit aims to review the current status and options for future foam policies concerning poly- and perfluoroalkyl substances (PFAS).

- Firefighters from all sectors – municipal, defense, industrial, and aviation – face the issue of balancing firefighting performance with environmental consequences.
- The pressure is growing constantly with greater environmental concerns, regulations, legislative enforcement, litigation and media attention.
- This Summit aims to review the current status and options for future foam policies, considering current and future potential environmental liabilities concerning poly- and perfluoroalkyl substances (PFAS).
- Large scale fire extinguishment tests using Fluorine Free (F3) and C6 firefighting foams will be included

THE EMERGING ISSUE: PFAS (POLY- & PERFLUOROALKYL SUBSTANCES)



A scene from the recent LASTFIRE testing program aimed at assessing the performance of new foam formulations – Fluorine Free and C6 fluorosurfactant based – for bund spill fire application.

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 **ARCADIS**

ATTENDEE REGISTRATION PACKAGES

[REGISTER NOW](#)

STREAMING SUMMIT PASS

Access to the Fire Training Research Network live conference streaming channel. This will allow access to a live conference stream and recorded sessions upon conference completion. This does not include admission to the conference or research tests, but will include the two extinguishment demonstrations as part of the conference.

\$200

FOAM SUMMIT REGISTRATION

Admission to the DFW Foam Summit October 16-18, 2018. Two live burns are included with the conference, weather permitting. This does not include admission to research burns the week of October 8, 2018.

\$750

RESEARCH ACCESS PASS

Admission to all research burns conducted the week of October 8, 2018. Conference admission is not included. This will be research field trials and not a conference environment.

\$5,000

LastFire and IAFFPA members receive a \$50.00 discount on above packages.

SUMMIT TOPICS

CRADLE TO GRAVE FOAM ASSURANCE PROCESS

- Ensuring all aspects of foam procurement, usage, testing, training, and disposal are managed and controlled.

INTERNATIONAL ENVIRONMENTAL REGULATIONS AND EVOLVING LEGISLATION

- Expanding regulatory attention considering C8, C6, and precursors.
- Legacy vs. latent environmental liabilities and reputational risks.

FOAM PERFORMANCE REQUIREMENTS FOR END USER SECTORS (AVIATION, DEFENSE, CIVIL, AND INDUSTRY)

- Are current standards still appropriate.
- Can new formulations meet them?
- Foam choices for differing fires considering environmental liabilities.

MINIMIZING USAGE IN TESTING AND TRAINING

- Use of surrogate liquids.

CONTAINMENT, DISPOSAL, AND TREATMENT – CLEAN UP, REMEDIATION

- Solutions: soil, groundwater, and drinking water treatment options.
- Environmental risk management studies from multiple countries.

PRELIMINARY PROGRAM

DFW Foam Summit schedule is subject to change.

TUESDAY **OCTOBER 16, 2018**

- Why are we at a crossroads for the future of foam?
- Evolution of environmental concerns with firefighting foam
- International trends in regulations and controls for firefighting foam
- Regulatory trends, USA examples
- Current program of large-scale testing involving the new generation firefighting foams
- Aviation-related research and testing in new generation foam application
- Working with new controls - A case study
- Demonstration of large scale F3 foam fire extinguishment

WEDNESDAY **OCTOBER 17, 2018**

- Cradle to grave foam assurance protocol
- Aviation-related issues
- Analytical methods for determining safety of foam
- Use of surrogate liquids in foam system assurance
- Foam solution containment - ensuring impervious bunding
- Current program of large-scale testing of new generation firefighting foams
- PERF Working Group - Environmental aspects of fluorine free foams

THURSDAY **OCTOBER 18, 2018**

- Changeover issues on fire vehicles
- Legacy and incident clean up case history
- Case studies and emerging technologies for treatment and clean up
- Challenges and solutions for effective foam change outs
- ACAF work with compressed air foam
- Demonstration of large scale C6 foam fire extinguishment



KEYNOTE SPEAKERS

With increasing importance placed on the environmental effects of firefighting foams as highlighted by new legislation in Australia and US State such as Washington, there is an increased awareness and focus on PFASs. Environmental regulations considering both long and short chain PFASs (C8 and C6) are evolving fast, so it is critical to determine long-term policies for selection, use, and management of firefighting agents in the future.

DFW Fire Research has brought together a group of international specialists in the various fields of holistic foam management assurance including regulators, end users, industry institutions and service providers.

SCHEDULED KEYNOTE SPEAKERS INCLUDE:

- **Fay Purvis**
Past Chairman NFPA11 Foam Systems Committee, USA
- **Niall Ramsden**
LASTFIRE Coordinator, UK
- **Rod Rutledge**
National Process Safety & Regulatory Advisor, Caltex Australia Petroleum Pty Ltd
- **Ian Ross**
Partner, Global PFASs Lead, Arcadis



SPONSORSHIP PACKAGES

[SIGN UP NOW](#)

BRONZE SPONSORSHIP PACKAGE

- 15-second video slot broadcast during Livestream of summit through Fire Training Research Network
- Opportunity to include item or literature in guest welcome bag

\$1,500.00

SILVER SPONSORSHIP PACKAGE

- 15-second video slot broadcast during Livestream of conference through Fire Training Research Network
- 10-second logo broadcast during Livestream and recordings of conference thru Fire Training Research Network
- Attendee pass to conference and evening event
- Logo included in all conference printed materials
- Opportunity to include item or literature in guest welcome bag

\$5,000.00

GOLD SPONSORSHIP PACKAGE

- 10' x 6' exhibit booth with two exhibit personnel passes - booth will include a 6' table. Please email firetraining@dfwairport.com if you require electricity.
- Exhibit personnel will receive attendee pass to conference and passes for the evening event
- 15-second commercial slot between sessions for in-person and online guests
- 10-second logo broadcast during Livestream and recordings of conference thru Fire Training Research Network
- Logo included in all conference printed materials
- Opportunity to include item or literature in guest welcome bag

\$10,000.00

PLATINUM SPONSORSHIP PACKAGE

- **ONLY AVAILABLE TO OUTDOOR EQUIPMENT VENDORS**
- Vendor is required to submit equipment specs prior to sponsorship agreement.
- Package includes outdoor exhibitor space with one 6' table and two exhibit booth personnel
- Exhibit personnel will receive attendee pass to conference and evening event - limit two
- 10-minute presentation to conference attendees
- 30-second commercial slot between sessions for attendees and online guests
- 10-second logo broadcast during Livestream and recordings of conference thru Fire Training Research Network
- Logo included in all conference printed materials
- Opportunity to include item or literature in guest welcome bag

\$15,000.00

DIAMOND SPONSORSHIP PACKAGE

- 10' x 6' exhibit booth with two exhibit personnel passes - booth will include a 6' table. Please email firetraining@dfwairport.com if you require electricity.
- 15-minute presentation to attendees via Fire Training Research Network
- 30-second commercial slot between sessions for attendees and online guests
- 10-second logo broadcast during Livestream and recordings of conference thru Fire Training Research Network
- Exclusive sponsorship of one conference session
- Logo included in all conference printed materials
- Opportunity to include item or literature in guest welcome bag

\$25,000.00

PLEASE CONTACT INFO@LASTFIRE.ORG FOR QUESTIONS REGARDING SPONSORSHIP PACKAGES

October 16-18, 2018

FREQUENTLY ASKED QUESTIONS



THIS IS MY FIRST TIME ATTENDING, WHAT SHOULD I EXPECT?

To learn and connect with industry leaders!

DO I GET A DISCOUNT IF I AM A MEMBER OF IAFFA OR LASTFIRE?

Yes, please send your name, organization, and membership number to info@lastfire.org for your coupon code.

WILL MY PHOTO BE TAKEN DURING THE CONFERENCE?

Yes! The DFW Foam Summit is being broadcast LIVE around the globe via the DFW Fire Training Research Network. To participate in the Summit, please complete the photo and video release in your registration packet. If you do not wish to have your photo taken, please check the box marked "no" on the photo/video release form.

HOW DO I OBTAIN COPIES OF SUMMIT SESSIONS?

If you are attending the conference, you will receive a code to access the conference recordings upon arrival. Be sure that you register with the correct email address as you will need it to watch any summit sessions at a later time.

If you are not able to attend, we want you to join us via the live feed! Please register for the "SUMMIT STREAM" package. After registration you will be contacted with login information to your email address on file.

HOW DO I BECOME AN EXHIBITOR?

Please [CLICK HERE](#) to register to be an exhibitor at the DFW Foam Summit. For more information, please email info@lastfire.org



HOW MUCH DOES IT COST TO REGISTER?

Registration to the Foam Summit is \$750 USD per participant. Admission to watch the conference via the Fire Training Research Network is \$200 USD per device.

HOW DO I PAY FOR MY REGISTRATION?

Registration is available exclusively via our Online registration portal. Please [CLICK HERE](#) to reserve your seat today!

WHAT IF I REGISTERED, BUT CAN NO LONGER ATTEND? CAN SOMEONE ELSE GO IN MY PLACE?

Sometimes, things happen, and you're just not able to make an event that you had planned to attend. If you wish to transfer your registration to someone else, please email info@lastfire.org

IN MY COUNTRY/TERRITORY, I MUST APPLY FOR A VISA TO ATTEND A CONFERENCE BEING HELD IN THE UNITED STATES, AND THAT REQUIRES AN INVITATION TO THE EVENT. CAN YOU SEND ME AN INVITATION?

Yes. There is an option on the registration page to check if you will require a formal invitation. If you did not check this and still need a letter, please email firetraining@dfwairport.com

WHAT IS THE CUT-OFF DATE TO REGISTER FOR THE CONFERENCE?

Registration is limited, and we expect to sell out quickly. Registration to the conference will close on September 20, 2018, or when all seats are sold out.

However, you can sign up to watch the Summit Stream throughout the conference. To sign up for the summit stream, [CLICK HERE](#).

CAN I PURCHASE A TICKET TO THE RESEARCH BURNS ONLY?

Yes. If you would like to purchase a ticket to the research burns, please [CLICK HERE](#). This package has limited seating and will sell out quickly.

WHO SHOULD I CONTACT WITH QUESTIONS ABOUT MY REGISTRATION?

Please contact info@lastfire.org with any questions regarding the conference.

CAN I REGISTER WHEN I ARRIVE?

No, we are not accepting on site registrations for this conference.

CAN I REGISTER WITH A CHECK?

No, we are only accepting registration packages through our online portal.

To register, [CLICK HERE](#).

WHAT HOTEL SHOULD I STAY AT DURING THE CONFERENCE?

Our Foam Summit partner hotels are listed below. Although you do not have to stay in one of the hotels listed below, transportation will be provided from both locations to the Fire Training Research Center. If you choose to book at a different hotel, transportation may not be available.

HOW FAR ARE THE HOTELS FROM THE DFW FIRE TRAINING RESEARCH CENTER?

Both hotels are located in the heart of Grapevine, Texas, and are approximately 10 minutes away from the DFW Fire Training Research Center. Daily transportation between the conference and partner hotels will be provided.

WHERE ARE THE RESEARCH BURNS AND THE SUMMIT SESSIONS BEING HELD?

The research burns and summit sessions will be held at the DFW Fire Training Research Center.



CONFERENCE HOTELS

EMBASSY SUITES
DFW AIRPORT NORTH
2401 Bass Pro Drive
Grapevine, TX 76051
972.724.2600

COURTYARD BY MARRIOTT
DALLAS DFW AIRPORT NORTH/GRAPEVINE
2200 Bass Pro Court
Grapevine, TX 76051
817.251.9095

PRESENTED BY:



LASTFIRE (Large Atmospheric Storage Tank Fires) is a consortium of international oil companies and storage companies reviewing the risks associated with fires in storage tanks and developing best industry practice to mitigate the risks through research, incident experience and knowledge sharing.

<http://www.lastfire.co.uk/>



Arcadis is the leading global Design & Consultancy firm for natural and built assets. Applying our deep market sector insights and collective design, consultancy, engineering, project and management services we work in partnership with our clients to deliver exceptional and sustainable outcomes throughout the lifecycle of their natural and built assets. We are 27,000 people, active in over 70 countries. We support UN-Habitat with knowledge and expertise to improve the quality of life in rapidly growing cities around the world. <https://www.arcadis.com/>

