



## **Expert knowledge on voice alarm systems: New expert conference at the VdS-FireSafety Cologne 2019**

**The 8th VdS-FireSafety Cologne (December 4/5, 2019) offers a trade fair, themed forums, and a total of eight high-caliber expert conferences.**

*Cologne, September, 2019.* A new feature at this year's VdS-FireSafety Cologne (December 4 and 5, 2019 at Koelnmesse) is the VdS expert conference "Voice Alarm Systems" on the afternoon of December 4, 2019. This conference, included in the program due to strong demand, thematically complements the now traditional expert conference "Fire Detection and Alarm Systems" to be held on December 5, 2019.

At the conference "Voice Alarm Systems", renowned specialists in electro-acoustics and building legislation will provide information on the current state of technology, functions, and the applicable standards. The focus will be on various measures that should go hand in hand in achieving favorable acoustics in voice alarm systems.

Acoustic conditions are usually very bad for example in large objects with hard walls, glass facades or glass ceilings – everyone knows this from train stations, for instance. The acoustic space characteristics should be improved here as far as possible, e.g. by changes in the quality of surfaces or in furniture and equipment.

In areas where passive loudspeakers do not permit the required comprehensibility of speech, the use of active loudspeaker systems may be necessary. These are not yet required according to the standards, but are technically feasible. With digital signal processors integrated into the loudspeakers, they allow announcements to be focused in the direction of the persons for whom they are intended.

Another important topic is simulations. In areas with critical acoustics, it often makes sense to simulate the spatial configuration of loudspeakers and the comprehensibility of speech in advance. In a real example, the comprehensibility of speech in a new event hall for an audience of 20,000 is to be determined. When the hall is empty, however, this substantially modifies the spatial acoustics so that measurement on location would not yield robust results. Virtual tests, on the other hand, allow a wide variety of scenarios to be acted out.

### **Extensive accompanying program: Trade fair and themed forums at the VdS-FireSafety Cologne**

All participants in the conference can attend the large trade fair on preventive fire protection free of charge, featuring many up-to-date products, solutions, and live demonstrations. In addition, on the stage of the exhibition hall two themed forums will be presented: At the "Exhibitor Forum" new solutions will be presented, and the "Future Forum Fire Protection" will fo-

#### **Pressekontakt:**

Dr. Florian Scharr  
Public Relations  
Tel.: +49 (0)221 77 66-6417  
Fax: +49 (0)221 77 66-311  
E-Mail: [FScharr@vds.de](mailto:FScharr@vds.de)

**VdS Schadenverhütung GmbH**  
Ein Unternehmen des Gesamtverbandes der Deutschen  
Versicherungswirtschaft e. V.

Amsterdamer Str. 172-174  
50735 Köln

[www.vds.de](http://www.vds.de)



cus on trends in the industry such as aspects of digitalization in fire protection. This year's Future Forum, staged under the motto "Fire Protection goes smart," is centered on topics in the area of smart home/smart building.

### **Eight high-caliber expert conferences**

A total of eight expert conferences can be booked for the VdS-FireSafety Cologne. Along with "Voice Alarm Systems" (Dec 4, 2019) these are: "46th Professional Development Seminar for Fire Protection Managers" (Dec 4/5, 2019), "Fire Extinguishing Systems" (Dec 4, 2019), "Structural Fire Protection" (Dec 4, 2019), "Security and Alarm Management" (Dec 4, 2019), "Fire Detection and Alarm Systems" (Dec 5, 2019), "Smoke and Heat Exhaust Ventilation Systems" (Dec 5, 2019), and the compact seminar "Construction and Fire Protection in NRW" (Dec 5, 2019).

"Voice Alarm Systems" can be booked together with "Fire Detection and Alarm Systems" or "Smoke and Heat Exhaust Ventilation Systems" for a reduced combination price.

All information about VdS-FireSafety Cologne at [www.vds-brandschutztage.de](http://www.vds-brandschutztage.de)

#### **Pressekontakt:**

Dr. Florian Scharr  
Public Relations  
Tel.: +49 (0)221 77 66-6417  
Fax: +49 (0)221 77 66-311  
E-Mail: [FScharr@vds.de](mailto:FScharr@vds.de)

**VdS Schadenverhütung GmbH**  
Ein Unternehmen des Gesamtverbandes der Deutschen Versicherungswirtschaft e. V.

Amsterdamer Str. 172-174  
50735 Köln

[www.vds.de](http://www.vds.de)

### **About VdS**

VdS is one of the world's most renowned and prestigious institutions for corporate security and safety, specialising in fire protection, security, cyber-security and natural disaster prevention. The services include risk assessments, on-site inspections, certifications of products, companies and professionals, and a comprehensive training and publication programme.

The VdS seal of approval enjoys an excellent reputation in professional circles and among decision-makers. VdS clients include industrial and commercial businesses in all industries, leading international manufacturers, system houses and professional specialists, as well as risk-conscious banks and insurers.

More information at [www.vds-global.com](http://www.vds-global.com)