



AIR FILTRATION SEMINAR

September 24, 2019
ACHAT Plaza Hotel
Karlsruhe, Germany

LOCATION

The seminar takes place at the

ACHAT Plaza Hotel

Mendelssohnplatz
76131 Karlsruhe, Germany
Phone: +49 721 37170-0
www.achat-hotels.com/hotel/karlsruhe-city

The venue is located within **25 minutes walking distance** from the Karlsruhe main station. Sufficient **parking spaces** are available at the hotel for a fee.

The workshop takes place at

Palas GmbH

Greschbachstrasse 3 b
76229 Karlsruhe, Germany
Phone: +49 721 96213-0
www.palas.de

Limited parking spaces are available for free.

ROOM RESERVATION

Please book your hotel room by yourself. A list of **hotel recommendations** in Karlsruhe and the surrounding area can be found at www.palas.de/en/contact/map.

If you wish to book a hotel room at the ACHAT Plaza Hotel, feel free to make use of our **room contingent** (valid until August 22, 2019). The keyword is „Palas“. Please pay your hotel bill **on-site** at the hotel.

REGISTRATION

Please register online at
<https://www.palas.de/en/exhibition>

You will receive a confirmation including the invoice for the seminar, or for the seminar and the workshop. Please note that your seminar place is **booked bindingly only after the receipt of your payment**.

If the number of registration exceeds the available seats, the seats will be awarded according to the receipt of payment.

Deadline for registration is August 30, 2019!

COSTS

Seminar fee

September 24, 2019
190,40€
(160,00€ excl. VAT)

Workshop fee

September 25, 2019
59,50€
(50,00€ excl. VAT)

The seminar fee includes conference materials, hot and cold beverages, snacks, **lunch** as well as the **networking dinner** at the ACHAT Plaza Hotel restaurant.

The additional workshop fee includes hot and cold beverages, snacks and **lunch** at Palas®.

AIR FILTRATION SEMINAR

Panel Discussion & Networking Meeting

JOIN THE EXPERTS

We cordially invite you to the second Palas® **AIR FILTRATION SEMINAR!** We would like to offer all experts from research and industry, who are involved in the examination of filters, the opportunity, to exchange ideas and gain new, interesting insights.

You can expect exciting lectures by speakers from universities and institutes, as well as from the industry regarding the following important points:

- ISO 16890, standardization for indoor air filters
- Filter testing with regard to real conditions
- Test of pulse jet cleaned filter media
- Standardization in filter testing
- New developments of filter test systems

Our moderator, Prof. Dr. Eberhard Schmidt from the University of Wuppertal, will be pleased to guide you through the seminar program.

WORKSHOP

The additional workshop on September 25 will give you an insight in our filter test laboratory and the opportunity to discuss about the latest trends and developments.

Also, we offer all participants the opportunity to take part in measurements with the filter (media) test rigs DFP 3000, MFP 3000 G and MFP Nano Plus.

AGENDA | MORNING

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|-----------------|---|
| 09.00 am | Introduction
Prof. Schmidt, Bergische Universität Wuppertal |
| 09.15 am | Evaluation of filtration performance by using particle spectrometers in bag-house filtration - practical and theoretical experiences
Dr. Heidenreich, ILK Dresden |
| 10.00 am | Filter media characterisation with regard to PM emissions using the ISO 11057 filter test bench
Dr. Gäng, FilTEq |
| 10.45 am | Coffee Break |
| 11.15 am | Towards realistic filter testing - considering real world effects
Prof. Dittler, Karlsruhe Institut für Technologie (KIT) |
| 12.00 pm | Dilution of large droplets - requirement of the new ISO 17536 for crankcase ventilation testing
Dipl.-Ing. (FH) Schmidt, Palas® |
| 12.45 pm | Lunch Break |

AGENDA | AFTERNOON

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|-----------------|--|
| 13.45 pm | DMT A2 fine quartz-free as potential replacement of Arizona Test Dust A2 fine including comparison tests according ISO 16890-3
Dr. Renschen, DMT |
| 14.30 pm | The testing of air filters for general ventilation according to DIN EN ISO 16890
Dr.-Ing. Haep, IUTA |
| 15.15 pm | Coffee Break |
| 15.45 pm | Testing high-efficiency filter media in accordance with ISO 29463-3 using poly- or monodisperse test aerosols
Dipl.-Ing. Breidenbach, EMW |
| 16.30 pm | TBA |
| 17.15 pm | Open Discussion: Standardization in Filter Testing |
| 18.00 pm | Dinner at ACHAT Restaurant |