

# PRACTICAL SEMINAR FIRE- AND EXPLOSION PROTECTION

**05./06. SEPTEMBER 2023**

with focus on safe operation  
and periodic testing of  
filter systems



**WORKSHOP ADDED VALUE  
EXPLOSION PROTECTION**



## BENEFITS

### DESCRIPTION

The seminar aims to be an information and practice-oriented event and it will also focus on the implementation of the Industrial Safety Regulations in the filtration technology. It provides a first-hand opportunity to share experiences and transfer knowledge in the field of fire and explosion protection.

### PARTICIPANTS

- specialists and executives from manufacturing companies
- operators of dedusting plants
- designers, operations managers, technical managers, engineers, workshop managers, safety engineers, qualified persons and experts, evaluators
- Qualified persons - Explosion hazard according to BetrSichV

### ATTENDANCE FEE

**490,00 € each plus VAT**

Further attendees of your company are granted a 10 % discount on the attendance fee when registering at the same time.

In addition to the seminar, the attendance fee includes event-related working documents, breaks and lunch as well as the supporting program on 5th September and a single room accommodation\* inclusive breakfast from 5th to 6th September 2023.

The number of participants is limited.

\*If you need additional overnight stays, we kindly ask you to book them directly via the Hotel Brunner Amberg, [www.hotel-brunner.de](http://www.hotel-brunner.de), phone +49 (0) 9621 4970, [info@hotel-brunner.de](mailto:info@hotel-brunner.de) under the keyword „Herding“ at special rates.





## EVENING PROGRAM

**Monday 04.09.2023**

(Optional) Get together  
and dinner together

**Tuesday 05.09.2023**

Guided city tour followed  
by dinner

## PROGRAM

### TUESDAY 05.09.2023

#### Theory and practice with added value

- Dust, parameters and zones  
**PRAXIS** Combustibility of dusts
- Solid inertization (passivation)  
with functional safety according  
to EN13849 and example from  
Additive Manufacturing
- Avoiding effective ignition sources  
with ignition hazard analysis  
**PRAXIS** Equipotential bonding and  
disruptive voltage measuring
- Fire protection concept with  
fire detection, fire alarm and fire  
fighting measures  
**PRAXIS** Flamability of filter elements
- Explosion safety concepts even  
with flameless and smoke-free  
pressure release

### WEDNESDAY 06.09.2023

#### Workshop explosion protection document

- Tests on filter systems with explosion  
hazard in accordance with BetrSichV  
(German industrial safety regulation)
- Group work on the creation of an  
explosion protection document based  
on a selected example

#### Practice to touch

- **Fire demonstration**  
LIVE - Fire fighting on  
Herding® filter systems
- **Explosion demonstration**  
LIVE - Explosions in  
Herding® filter systems
- **Factory tour**  
Production facilities of  
Herding Filtertechnik



## REFERENTS

### Dipl.-Ing. Klaus Rabenstein

Herding GmbH Filtertechnik  
Amberg

### Dipl.-Ing. Ulrike Ruppert

Herding GmbH Filtertechnik  
Amberg

### Dipl.-Ing. Roland Bunse

Rembe® Research + Technology  
Center GmbH, Brilon

## EXPERT CHAIRMAN

### Dipl.-Ing. Klaus Rabenstein

Working for Herding since 1991 Klaus Rabenstein's area of work comprises the further development of solutions for filtration technology and for fire and explosion protection.

In addition to his active work in committees of the VDI, the VDMA and the GDV he is chairman of the VDMA working group "Dust Removal Technology".

Trainings, lectures, seminars and workshops round off his area of responsibility.





## REGISTRATION

Please feel free to contact us! You can fill in the form and send it to us by e-mail.

Company

Branch

First name

Family name

Phone

E-Mail

**\*Further attendees**

First name, Family name | Remarks

### Deadline: July 3rd 2023

Upon receipt of your registration you will immediately receive the confirmation of registration and further information on the seminar. For more detailed information visit us on [www.herding.com](http://www.herding.com).

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