

## BG Chemie stand Hall 4.1/Stand O20 - P 23

We combine skills –  
explosion protection in focus

### Discussion forums

- **What can be done if ventilation doesn't have the desired effect?**  
Monday, 11 May 2009, 3.30 p.m.
- **Explosion protection for machinery – what measures must be taken?**  
Tuesday, 12 May 2009, 11.30 a.m.
- **Is research into explosion protection still needed?**  
Wednesday, 13 May 2009, 3 p.m.
- **How are potentially explosive areas divided into zones?**  
Thursday, 14 May 2009, 11.30 a.m.
- **Electrostatics – a special ignition source?**  
Friday, 15 May 2009, 11.30 a.m.

### Other highlights

- Experimental lecture “Explosion protection”
- Award for the best trainee dissertation on explosion protection
- Prize quiz
- Exhibition modules
- New media
- Explosion protection portal
- New information sheets
- Video features



### Contacts:

#### Section on Prevention in the Chemical Industry

Niels Schurreit  
Kurfürsten-Anlage 62, 69115 Heidelberg  
Tel.: 06221 523 460  
Fax: 06221 523 593  
E-Mail: [nschurreit@bgchemie.de](mailto:nschurreit@bgchemie.de)  
[www.issa.int/prevention-chemistry](http://www.issa.int/prevention-chemistry)



#### Section on Machine and System Safety

Silke Scholl-Scheiba  
Dynamostr. 7-11, 68165 Mannheim  
Tel.: 0621 4456 2213  
Fax: 0621 4456 2190  
E-Mail: [scholl@ivss.org](mailto:scholl@ivss.org)  
[www.issa.int/prevention-machines](http://www.issa.int/prevention-machines)



#### for technical questions:

Dr. Berthold Dyrba  
Tel.: 06221 523 489  
E-Mail: [achema@bgchemie.de](mailto:achema@bgchemie.de)



## ISSA “Explosion Protection” workshop

# ISSA “Explosion Protection” workshop Programme

## Wednesday, 13 May 2009

### Chaired by:

Dr. Frank Hauert, Institution for Statutory Accident Insurance and Prevention in the Hotel Industry, Germany

### 10.00 a.m. Welcome, opening words

Dr. Erwin Radek, President of the ISSA Chemistry Section

### 10.15 a.m. Introduction

Dr. Berthold Dyrba, BG Chemie, Germany

### 10.30 a.m. Implementation of the 1999/92/EC Directive in Austria

Ing. Klaus M. Kopia, Allgemeine Unfallversicherungsanstalt, Austria

### 10.50 a.m. Discussion

### 11.00 a.m. The division of potentially explosive areas into zones from an international perspective

Dipl.-Ing. Gerhard Nied, AZO GmbH & Co. KG, Germany

### 11.20 a.m. Discussion

### 11.30 a.m. Reducing potentially explosive areas using selective ventilation!

Dr. Bernd Broeckmann, Inburex Consulting GmbH, Germany

### 11.50 a.m. Discussion

### 12.00 p.m. Panel discussion on the subject of “Explosion protection for machinery”

01.00 p.m. Led by Dr. Albrecht Vogl, FSA, BGN, Germany  
Dipl.-Ing. Richard Siwek, FireEx Consultant GmbH, Switzerland  
Fabio Pera, ISPESL, Italy  
Ing. Emmanuel Leprette, INERIS, France  
Ing. Gerard van Laar, Inburex GmbH, Netherlands  
Ir. Ake Harmanny, ISMA nv, Belgium  
Dipl.-Ing. Gerhard Nied, AZO GmbH & Co. KG, Germany

01.30 p.m. **Invitation to the BG Chemie stand**  
Hall 4.1, Stand O20 - P23  
Topic “We combine skills – explosion protection in focus”

### The following highlights await you:

- Experimental lecture
- Discussion forum on the topic “Is research into explosion protection still needed?”
- Opening of the new explosion protection portal
- Winner of the best safety specialist thesis
- Quiz
- Tour of the exhibition stand with information on the latest exhibits, video features, information sheets

## Thursday, 14 May 2009

### Chaired by:

Dr. Martin Gschwind, SUVA, Switzerland

### 10.00 a.m. Welcome and introduction to explosion protection research

Dr. Albrecht Vogl, FSA, BGN, Germany

### 10.10 a.m. Research proposal “Safety parameters as a function of the geometry of the testing equipment – special ignition temperatures”

Dr. Elisabeth Brandes, PTB, Germany

### 10.30 a.m. Discussion

10.40 a.m. **Research proposal “Validating formal kinetic parameters from adiabatic heat storage”**  
Jörg Schoßig, BAM, Germany

### 11.00 a.m. Discussion

11.10 a.m. **Research proposal “Risk of dust explosions in mixers”**  
Dr. Ute Hesener, DEKRA EXAM GmbH, Germany

### 11.30 a.m. Discussion

11.40 a.m. **Research proposal “Optimizing design-based explosion protection in elevators and optimizing design-based explosion protection when using metal dusts”**  
Dipl.-Ing. Richard Siwek, FireEx Consultant GmbH, Switzerland

### 12.00 p.m. Discussion and summary

12.15 p.m. **Panel discussion on “Avoiding ignition risks caused by electrostatic charges”**  
Led by Dr. Josef Bremen, BG Chemie, Germany  
Dr. Martin Glor, Schweizerisches Institut zur Förderung der Sicherheit, Switzerland  
Dr. Ulrich von Pidoll, PTB, Germany  
Prof. Gérard Touchard, Université de Poitiers, France  
Dr. Graham Ackroyd, Syngenta Ltd., U.K.

### 01.15 p.m.- Close

01:30 p.m. Dr. Ulrich Fricker, SUVA, Switzerland, Vice President of the ISSA Chemistry Section