



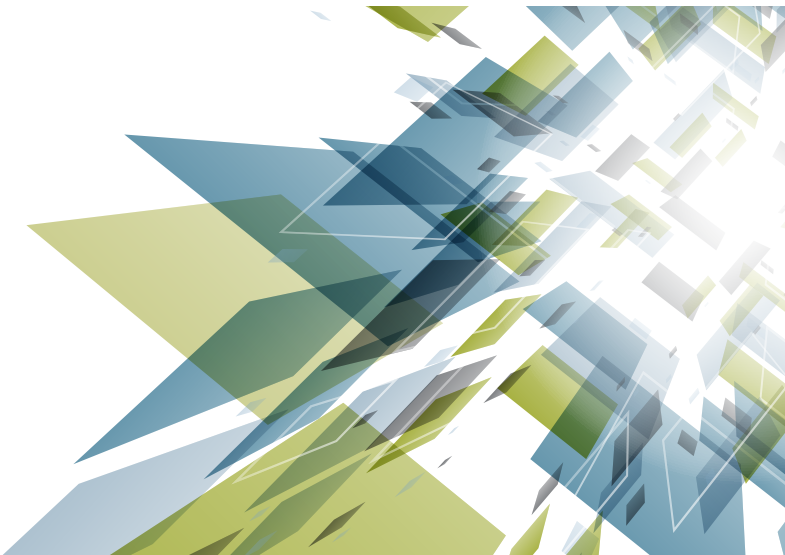
issa | INTERNATIONAL SOCIAL SECURITY ASSOCIATION

Section on Prevention in the Chemical Industry

ISSA-Symposium

competence of employees
in explosion protection

Explosion Prevention
– safe technology is not enough –
personal competence is mandatory



12. July 2022



at PTB
during ISHPMIE 2022
in Braunschweig

For more detailed information, see



<https://www.ptb.de/cms/de/ueber-uns-karriere/ueber-uns/ptb-in-braunschweig.html>

The ISSA Symposium will be held as part of the ISHPMIE 2022 “14th International Symposium on Hazards, Prevention, and Mitigation of Industrial Explosions”. This will take place from 11 to 15 July 2022 in Braunschweig and will be hosted by the Physikalisch-Technische Bundesanstalt (PTB). The scientific partner and co-organizer of the conference is the Otto von Guericke University Magdeburg.

The 14th ISHPMIE provides valuable opportunity, in which scientists on explosion phenomena and specialists on industrial explosion hazards can meet and exchange their ideas and information. The presentations will cover the full range of industrial explosion hazards - relevant fundamental studies, experimental and modelling development, prevention and mitigation strategies and investigations of actual accidents.

ishpmie2022.ptb.de

Organization

IVSS

Section Chemie

c/o Berufsgenossenschaft Rohstoffe und
chemische Industrie

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14th International Symposium on hazards, Prevention, and Migration of Industrial Explosions

Physikalisch-Technische Bundesanstalt (PTB)
Braunschweig, Germany, July 11 - 15, 2022



ISSA-Symposium at ISHPMIE 2022 regarding the competence of employees in explosion protection “Explosion Prevention – safe technology is not enough – personal competence is mandatory”

But there are safe devices, why would one need training in explosion protection?

To be able to work safely in hazardous areas safety measures must be implemented. Training employees regarding explosion protection is a key requisite to ensure the effectiveness of said measures. But achieving this competency is a challenge for everyone whose employees fulfil tasks or work in areas where explosion hazards can occur. This is equally true in research as it is in the context of trade or industry. A current standardisation project (draft IEC 60079-44) shows how acute this topic is: The intention is to describe an organisational basis that ensures the qualification of all employees and that can also be reviewed by auditors.

Internationally there is a general consensus regarding the requirement of employees that are suitable and sufficiently trained in explosion protection according to their tasks. Nationally there are differences, however, in how this is to be achieved by employers and which regulations are to be followed.

ISSA already supports the training of employees by providing international schooling materials for explosion protection. For a more active participation the ISSA Section Chemistry is hosting the symposium “Explosion Prevention – safe technology is not enough – personal competence is mandatory” on the afternoon of the 12th July 2022 at ISHPMIE:

- The entire life span of Ex-equipment – from purchasing over set-up and use to modifications – will be examined with practical examples. This will show that everyone involved – depending on their task – needs the appropriate know-how in explosion protection to ensure that all tasks can safely be executed with safe equipment.
- Speakers from Austria and France will present their different approaches: These will be demonstrated by looking closer at the requirement for a risk assessment and an explosion protection concept respectively by looking into the French general concept for the qualification regarding explosion protection.
- The pros and cons of the different approaches will be the topic of a panel discussion.

The language of the congress is English.

Tuesday, 12. July 2022

Session 1

2 pm until 3:30 pm

Topic	Speaker
Welcome address and opening	Thomas Köhler President of ISSA Chemistry Section
Equipment in hazardous areas – can it be purchased and operated safely without competence?	Michael Mayer AZO GmbH + Co. KG Dr. Marc Scheid FireEx Consultant GmbH
Necessary personal competence along the life cycle of an explosion proof system	Dr. Marc Scheid FireEx Consultant GmbH Michael Mayer AZO GmbH + Co. KG
Hazard assessment and concept for explosion prevention: – issues of implementation in Austria	Ing. Klaus Kopia Allgemeine Unfall- versicherungsanstalt AUVA

Session 2

4 pm until 5:30 pm

Topic	Speaker/in
Overall concept for qualification in explosion prevention: implementation in France	Ing. Aline Mardirossian Institut National de Recherche et de Sécurité - INRS
Introduction to the panel discussion	Ing. Michel Pourquet Vizepräsident der IVSS Sektion Chemie
Panel discussion: Qualification in Explosion Protection - different national ways – advantages and issues	Michael Mayer Dr. Marc Scheid Ing. Klaus Kopia Ing. Aline Mardirossian Martine Bloch Dr. Oswald Losert Dr. Martin Gschwind
Conclusion and summary of the symposium	Dr. Martin Gschwind Vizepräsident der IVSS Sektion Chemie

For registration fees see:

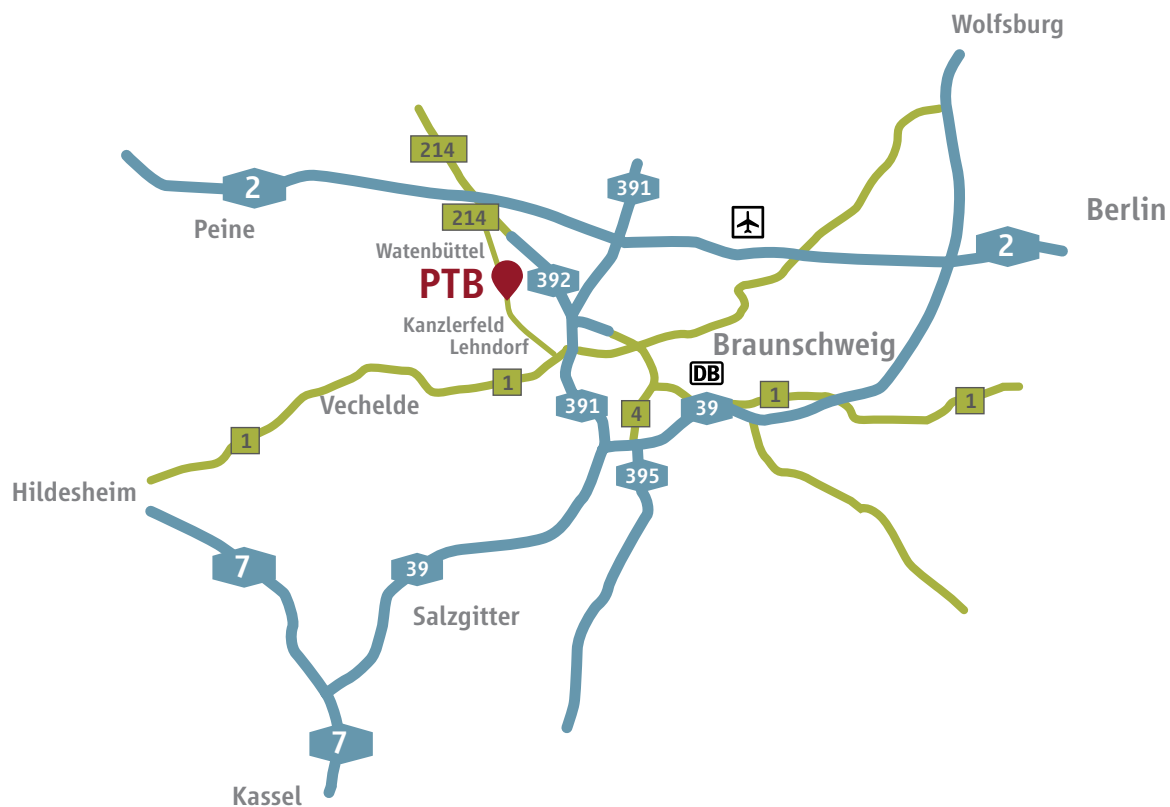
<https://ishpmie2022.ptb.de/registration/registration-fees>

Specific registration for ISSA session

(Monday to Wednesday only):

<https://ishpmie2022.ptb.de/registration-1>

Getting to PTB



From airport:

- From Hanover Airport to Hanover Main Station (for example, with the S-Bahn). Continue your journey by train to Braunschweig (ICE, IC and RE train connections).
- From Berlin Airport to Berlin Main Station. Continue to Braunschweig by train or by long-distance bus (ICE, IC- und RE connections).

By car:

Braunschweig is conveniently located for the federal motorways: the A 2 running from east to west (Berlin-Ruhr Area) and the A 39 going from north to south (Braunschweig-Salzgitter).

Arriving by train:

- About. 15 minutes by taxi
- Bus number 461 to "Lehndorf, PTB". Leave the bus at the "PTB" bus stop. The bus stop is located right in front of the main entrance to PTB.