


17<sup>th</sup> International Seminar on

**FIRE SAFETY IN  
NUCLEAR POWER PLANTS  
AND INSTALLATIONS**



**New Date: 24 – 25 October 2022**

**Hotel & Spa Westerbürg Moated Castle  
Westerbürg (close to Braunschweig), Germany**

hosted by  Gesellschaft für Anlagen- und Reaktorsicherheit  
(GRS) gGmbH

**Fire Laboratory Technical Tour**

**iBMB of Braunschweig University of Technology,  
Braunschweig, Germany, 26 October 2022**

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**ORGANISERS**

The 17<sup>th</sup> International Seminar on Fire Safety in Nuclear Power Plants and Installations conducted as SMiRT 26 Post-conference Seminar will be hosted by Gesellschaft für Anlagen- und Reaktorsicherheit (GRS) gGmbH, the well-known German Technical Support Organisation.

The permanent organisers of this Seminar series are Dr. Marina Röwekamp (GRS), representing also the host organisation, and Prof. Dr. Heinz-Peter Berg.

**Dr. Marina Röwekamp (Host Organiser)**

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**Prof. Dr. Heinz-Peter Berg (Co-Organiser)**

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#### OBJECTIVE AND TOPICS

The purpose of this seminar is to provide an international forum for detailed technical discussion of topics relevant to the analysis and assurance of fire safety in nuclear power plants and other nuclear installations.

The planned technical sessions address the following areas:

- Regulation and standards
- Fire safety in the design and operation of new and future nuclear installations (particularly power and research reactors)
- Operating experience and lessons learned
- Experimental research and results
- Fire model experience and validation
- Deterministic fire safety analysis and probabilistic fire risk assessment (Fire PSA)
- Risk-informed, performance-based fire protection
- General experience

#### STRUCTURE

The seminar consists of a single track of technical sessions with presentations and a final panel discussion, which will be conducted on 24 and 25 October 2022.

Authors are requested to limit their formal presentations to 30 minutes; including a minimum of 5 minutes for discussion.

**Full papers** (12 pages maximum) have to be provided by **16 September 2022**.

A dinner event will be arranged on 24 October 2022 for attendees of the SMiRT Fire Seminar. Spouses are also very welcome, however have to pay for the dinner. Details on the dinner event will be provided with the confirmation of the seminar registration.

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#### SEMINAR LOCATION

According to changes the organisers had to make in the Seminar dates based on recent travel restrictions and unavailability of participants in July 2022, we also made a slight change in the Seminar location, which is likely a more promising one offering more amenities than a city hotel in Braunschweig.

The Seminar will now take place at the **Westerburg Moated Castle Hotel & Spa in Westerburg** (see [Hotel & Spa Wasserschloss Westerburg - 4 star castle hotel \(hotel-westerburg.de\)](https://www.hotel-westerburg.de)), located in the countryside between Braunschweig and the beautiful Harz.

Hotel & Spa Wasserschloss Westerburg awaits you in the best-preserved moated castle in Germany with a large wellness area, a beauty farm and a fine dining restaurant. Having grown over the centuries the building is a listed building and is one of the most important architectural monuments along the "Romantic Road" in Saxony-Anhalt. As befits a real old castle, all hotel rooms are something very special. They differ in terms of floor plan, location and furnishings or have their own history.

The Harz is a low mountain range and at the same time the highest mountain range in northern Germany. It lies at the intersection of Lower Saxony, Saxony-Anhalt and Thuringia. Around the mountains there are several cities worth seeing that can easily be reached from the hotel, such as Braunschweig, Magdeburg or Hannover.

More details can be found at:

[www.hotel-westerburg.de](https://www.hotel-westerburg.de)

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**SUBMISSIONS AND DEADLINES**

SMiRT Fire Seminar <b>Abstract</b> Submission	<b>22 July 2022</b>
Notification of Acceptance	<b>29 July 2022</b>
Speakers confirmation to give presentation	<b>5 August 2022</b>
<b>Full Seminar Paper</b> Submission (for review)	<b>16 September 2022</b>
Review Result (by Technical Program Committee)	<b>30 September 2022</b>
<b>Final Seminar Paper</b> Submission	<b>7 October 2022</b>
<b>Seminar Presentation</b> Submission	<b>17 October 2022</b>

Authors of accepted abstracts need to **confirm presentation/participation** by **5 August 2022**.

Since the seminar will be held in person only and we need a minimum of participants for keeping the costs reasonable, we have defined an **“early bird” registration deadline of 27 August 2022**. In case that we will not reach the minimum number of participants by this date, or the seminar cannot take place due to pandemic restrictions, we postpone the seminar to a more suitable date and reimburse the participation fees.

**PROCEEDINGS**

An electronic version that includes each paper along with other relevant information will be provided to participants during the Seminar.

Written proceedings will be published after the seminar and freely available to SMiRT Fire Seminar participants.

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**REGISTRATION AND FEES**

Please register **online** at  
<https://www.grs.de/registration-smirt-fire>

<b>SMiRT Fire Seminar Registration Rates</b>	
Participant's fee <b>received latest by 27 August 2022</b>	€ 350
Participant's fee <b>received after 27 August 2022</b> <b>Note: Payment is needed latest by 23 September 2022.</b>	€ 400
<b>Fee reductions</b> (more than one can apply):	
- Speakers, Authors:	€ 50
- Session Chairs, Panellists:	€ 50
- SMiRT 26 attendees	€ 50
Dinner costs for spouses:	€ 50
<b>Technical tour:</b> <b>Registration</b> for participation in the technical visit of the ZEBRA fire laboratory is needed <b>by 27 August 2022</b> for a maximum of 25 seminar attendees on a “first comes – first serves” basis. Costs for group transport and a box lunch will be determined.	TBD

Fees include participation to SMiRT Post-conference Seminar, lunches and refreshments during the Seminar, Seminar Proceedings and a dinner event for participants.

Seminar attendees participating in the technical tour to the ZEBRA fire laboratory at iBMB of Braunschweig University of Technology can either make their own travel arrangements or need to register and pay for the transport. Details on the technical tour are provided after registration.

After email registration using the attached registration form, registered participants will receive an invoice by GRS as host organisation for Seminar payment.

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#### ACCOMMODATION

Arranging travel and accommodations is the responsibility of each Seminar participant.

Funding of the seminar is neither possible to support participant travel nor for hotel accommodation.

#### Room reservations

A block of 45 guest rooms has been secured at the Seminar hotel for SMiRT Fire Seminar participants.

**Room rates (90 € single occupancy, 135 € double occupancy)** include breakfast, Wi-Fi, the use of spa facilities and tax.

The specific room rates available for a travel period between 23 and 27 October 2022 are secured until 23 September 2022 on a “first comes – first serves” basis.

After that deadline, room rates can no longer be guaranteed, but maybe still available on request. Please note that participants (if not located in the Braunschweig area) should stay in the conference hotel since there are not many possibilities for accommodation in the near vicinity.

Participants have to make reservations themselves with the **key word:**  
**SMiRT FIRE**

More details on the Seminar hotel can be found on the hotel website:  
<https://www.hotel-westerburg.de>.

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#### COVID-19 PANDEMIC CONDITIONS

Seminar arrangements have been made according to the legal requirements valid in Germany, which may change before the Seminar.

All registered participants will be informed on potential pandemic restrictions in due time.

According to travel uncertainties due to the permanently changing pandemic and crisis situation, for cancellations after 23 September 2022, the Seminar fees cannot be reimbursed.