


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



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**

**17th International Seminar on
FIRE SAFETY IN
NUCLEAR POWER PLANTS
AND INSTALLATIONS**

ORGANISERS

The 17th 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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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**.

On Sunday, 23 October 2022, the registration with an informal welcome will be open from 17:30 h to 19:00 h. The hotel restaurant offers their guests several choices for dinner. An official **Seminar Dinner** event with Aperitif before and enough time after the dinner for networking with a nice drink will be arranged on 24 October 2022 SMiRT Fire Seminar attendees. Spouses are also very welcome, however have to pay for the dinner.

Since we will be in the countryside and have to work long each day, we have also arranged a more casual hotel dinner for attendees on 25 October 2022.

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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.

Please note that arrival by public transport is not possible on Sundays – on weekdays it might be more time-consuming. If you need contact details on a taxi service, e.g. from Hannover airport / Braunschweig railway station to the hotel we can kindly pass on relevant information.

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

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SUBMISSIONS AND DEADLINES

SMiRT Fire Seminar Abstract Submission	31 July 2022
Notification of Acceptance	5 August 2022
Speakers confirmation to give presentation	12 August 2022
Full Seminar Paper Submission (for review)	16 September 2022
Review Result (by Technical Program Committee)	30 September 2022
Final Seminar Paper Submission	7 October 2022
Seminar Presentation Submission	17 October 2022

Authors of accepted abstracts need to **confirm presentation/participation** by **12 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>

SMiRT Fire Seminar Registration Rates	
Participant's fee received latest by 27 August 2022	€ 350
Participant's fee received after 27 August 2022 Note: Payment is needed latest by 23 September 2022.	€ 400
Fee reductions (more than one can apply):	
- Speakers, Authors:	€ 50
- Session Chairs, Panellists:	€ 50
- SMiRT 26 attendees	€ 50
Dinner costs for spouses:	€ 50
Technical tour: Registration for participation in the technical visit of the ZEBRA fire laboratory is needed by 27 August 2022 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 and can be paid during the Seminar.	TBD

Fees include participation to SMiRT Post-conference Seminar, lunches and refreshments during the Seminar, dinner on both Seminar days, and Seminar Proceedings for all 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 online registration via the website <https://www.grs.de/registration-smirt-fire>, registered participants will receive an invoice by GRS as host organisation for Seminar payment.

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ACCOMMODATION

Arranging travels and accommodation 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.

For participants arriving at the hotel not by car we can offer to provide contact details regarding transportation service (e.g. taxi) to be arranged, either from Hannover airport or from Braunschweig railway station.

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.