

17th International Seminar on


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



**Deadline for abstracts:
8 April 2022**

20 – 21 July 2022

**Steigenberger Parkhotel
Braunschweig, Germany**

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

Fire Laboratory Technical Tour

**iBMB of Braunschweig University of Technology
19 July 2022**

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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.

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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 20 and 21 July 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 **20 June 2022**.

A dinner event will be arranged on 20 July 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

The Seminar will take place at the Steigenberger Parkhotel in Braunschweig (see <https://www.steigenberger.com/hotels/alle-hotels/deutschland/braunschweig/steigenberger-parkhotel-braunschweig>) representing an ideal location in the centre of Braunschweig and close to the ZEBRA fire laboratory of the iBMB of Braunschweig University of Technology.

Braunschweig offers the unique charm of a larger modern city nicely located in Lower Saxony with a long history. First mentioned in records in 1031, Braunschweig continued to evolve, from the 12th century on strongly influenced by the House of Guelf and the Hanseatic tradition. Magnificent historical buildings in the heart of the city, as well as streets lined with historic houses, still bear witness to Braunschweig's eventful past.

The Seminar hotel is conveniently located in a park close to the Oker River offering excellent conference and recreation facilities. Travelling on the Oker, one can circumnavigate almost the entire centre city which offers walkways for a relaxing stroll along the riverbank. During summer, take your pick from the many riverside cafés, restaurants, beer gardens and even beach clubs along the Oker.

Braunschweig can be easily reached by all means of transportation. Transfer to international airports (e.g. Berlin, Hannover or Frankfurt) is possible by rail or car (a special taxi service to and from Hannover airport is available and can be arranged on request).

More details can be found at:

<https://www.braunschweig.de/english/index.php>

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SUBMISSIONS AND DEADLINES

| | |
|---|----------------------|
| SMiRT Fire Seminar Abstract Submission | 8 April 2022 |
| Notification of Acceptance | 15 April 2022 |
| Speakers confirmation to give presentation | 22 April 2022 |
| Full Seminar Paper Submission | 20 June 2022 |
| Seminar Presentation Submission | 11 July 2022 |

Authors of accepted abstracts need to **confirm presentation/participation** by **22 April 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 20 May 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 before 20 May 2022 | € 350 |
| Participant's fee received after 20 May 2022 Note: Payment is needed by 20 June 2022. | € 400 |
| Fee reductions (more than one can apply): | |
| - Speakers, Authors: | € 50 |
| - Session Chairs, Panelists: | € 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 20 June 2022 for a maximum of 25 seminar attendees on a “first comes – first serves” basis. This includes a box lunch. | € 20 |

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 guest rooms has been secured at the Seminar hotel for SMiRT Fire Seminar participants.

Room rates (119 € single occupancy) include breakfast, Wi-Fi, the use of fitness facilities and tax.

The specific room rates available for a travel period between 18 and 22 July 2022 are secured until 9 May 2022.

After that deadline, room rates can no longer be guaranteed, but maybe still available on request.

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.steigenberger.com/hotels/alle-hotels/deutschland/braunschweig/steigenberger-parkhotel-braunschweig>

Other hotels can be found on <http://www.booking.com>

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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 situation, for cancellations after 19 June 2022, the Seminar fees cannot be reimbursed.