



Bundesamt  
für die Sicherheit  
der nuklearen Entsorgung

safe<sup>ND</sup>

BASE Research Symposium

**safe<sup>ND</sup> 2025**

17–19 September 2025

**Time as a safety factor:  
Opportunities and challenges of  
timely nuclear waste disposal**



## **About the symposium:**

The Federal Office for the Safety of Nuclear Waste Management (BASE) hereby invites you to attend the third Interdisciplinary Research Symposium for the Safety of Nuclear Disposal Practices, or safe<sup>ND</sup> 2025 for short.

The event will provide a forum for scientists to present and discuss current research results and projects in an interdisciplinary context.

### **The following topics, in addition to others, are to be covered**

- Decommissioning of nuclear facilities
- Storage, conditioning and transport of radioactive waste
- Site selection and deep geological disposal of radioactive waste
- Alternative disposal methods
- Public participation and communication
- Nuclear safety culture and knowledge preservation
- Social sciences and humanities perspectives on nuclear energy and radioactive waste (including historical, economic and legal analyses)
- Safeguards and non-proliferation in nuclear waste disposal
- Nuclear waste management related to alternative reactor designs and fusion energy





## **Time as a safety factor: Opportunities and challenges of timely nuclear waste disposal**

The safe disposal of nuclear waste is a complex socio-technical challenge that requires geological investigations, engineering innovation, simulations and the raising of public awareness.

In addition to technical weaknesses, the time factor is crucial: the current above-ground storage of high-level radioactive waste entails unavoidable long-term risks emanating from geopolitical threats such as military conflicts, institutional instability and the consequences of climate change. The timely implementation of safe disposal concepts is therefore imperative to ensure long-term safety.

**The safe<sup>ND</sup> 2025 symposium will offer a range of formats to address these topics, including lectures, poster sessions, workshops and discussion panels. The following section provides a comprehensive overview of the event.**





# Scientific Committee of safe<sup>ND</sup> 2025

## Members of the scientific committee

### Jens Birkholzer

Energy Geosciences Division, Lawrence Berkeley National Laboratory, USA

### Ulrike Felt

Department of Science and Technology Studies, University of Vienna, Austria

### Dörte Fouquet

Sustainability Law – Energy, Resources, Environment, Leuphana University Lüneburg, Germany

### Petra Tjitske Kalshoven

Department of Social Anthropology, University of Manchester, UK

### Carla-Olivia Krauß

Institute of Technology and Management in Construction, Karlsruhe Institute of Technology (KIT), Germany

### Markku Lehtonen

Department of Humanities, University Pompeu Fabra Barcelona, Spain

### Susan Molyneux-Hodgson

Department of Sociology, Philosophy and Anthropology, University of Exeter, UK

### Allison M. Macfarlane

School of Public Policy and Global Affairs, The University of British Columbia, Vancouver, Canada

### Nikolaus Müllner

Institute of Safety and Risk Sciences, University of Natural Resources and Life Sciences (BOKU), Vienna, Austria

### Luca Abele Piciaccia

Norwegian Radiation and Nuclear Safety Authority (DSA), Norway

### Barbara Reichert

Institute for Geosciences, University of Bonn, Germany; Chair of Nuclear Waste Management Commission (ESK), Germany

### Florence-Nathalie Sentuc

Gesellschaft für Anlagen- und Reaktorsicherheit (GRS) gGmbH, Germany

### Anna Storm

Department of Thematic Studies, Linköping University, Sweden

### Bo Strömberg

Unit for plant safety assessment, Swedish Radiation Safety Authority (SSM), Sweden

### Catrinel Turcanu

Science, Technology and Society, Belgian Nuclear Research Centre (SCK CEN), Belgium

### Tim Vietor

Safety, Geology & Radioactive Materials Division, National Cooperative for the Disposal of Radioactive Waste (NAGRA), Switzerland

### Holger Völzke

Safety of Storage Containers Division, Federal Institute for Materials Research and Testing (BAM), Germany



The safe<sup>ND</sup> 2025 conference is supported by an interdisciplinary expert committee, thereby facilitating a broad scientific perspective. The involvement of different disciplines enables a comprehensive examination of the content and ensures scientific quality.



# Call for Contributions

The Call for Contributions is expected to run **from 17 December 2024 to 11 March 2025**. We invite you to participate!

Contributions can take the following forms:

**Talk:**  
Talk (15 minutes)  
followed by a  
Q&A session  
(5 minutes)

**Poster:**  
Presentation in a  
poster session  
(approx. 2 hours,  
format: A0)

**Workshop:**  
interactive exchange  
with participants  
(2–3 hours)

**Panel discussions:**  
an expert discussion  
organised by you  
(1–2 hours)

The scientific committee supports BASE in selecting the submitted proposals.

**You can participate in the Call for Contributions 2025 via this link:**  
<https://meetingorganizer.copernicus.org/safeND2025/provisionalprogramme>





# Registration information

## Ticket prices

- Regular: 450 Euro
- Students and young professionals: 225 Euro
- Representatives of civil society please register at [symposium@base.bund.de](mailto:symposium@base.bund.de).

## Registration

Registration to attend is independent of participation in the Call for Sessions or the Call for Contributions. *Registration is expected to start in spring 2025.*

## Location

Radialsystem  
Holzmarktstraße 33  
10243 Berlin

A photograph showing a busy event space. In the foreground, a woman in a white shirt is looking at a display table. In the background, a group of people is gathered around a white counter with the 'safe' logo. Some people are holding yellow bags. The scene is brightly lit and appears to be an exhibition or registration area.

**Date**  
**17 – 19 September**  
**2025**

# Location



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## Getting there by bike

There are numerous bike racks around and on the grounds of the Radialsystem. The bike path on Holzmarktstraße has been newly expanded and runs directly past the entrance to the site.

## Access by public transport

Radialsystem can be reached by S-Bahn, bus, regional train and long-distance train via Ostbahnhof. The walk from Ostbahnhof takes about 5 minutes.

If you have limited mobility, we will be happy to check the possibility of parking directly on site – please contact us at: [symposium@base.bund.de](mailto:symposium@base.bund.de)

## Radialsystem

The former pumping station is now a versatile cultural and event centre on the banks of the river Spree in Berlin.

Holzmarktstraße 33, 10243 Berlin, Germany

Useful information for travelling to Berlin can be found at [visitberlin.de](http://visitberlin.de)



**We would be delighted  
to welcome you at  
safe<sup>ND</sup> 2025!**

**If you have any questions, please contact:**  
*symposium@base.bund.de*



**safe<sup>ND</sup> at BASE**

*[https://www.base.bund.de/en/research/events/research-symposium/\\_documents/safend-25.html](https://www.base.bund.de/en/research/events/research-symposium/_documents/safend-25.html)*



**Registration for the Call for Contributions**

*<https://meetingorganizer.copernicus.org/safeND2025/provisionalprogramme>*