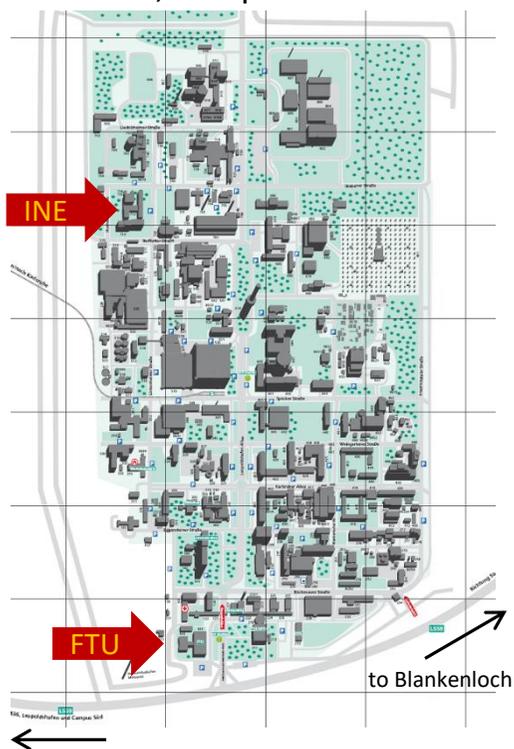


Location

The on-site workshop will be held in the Aula of the “Fortbildungszentrum Technik und Umwelt” (FTU), Karlsruhe Institute of Technology, Campus North, approx. 10 km north of Karlsruhe next to Eggenstein-Leopoldshafen..

Directions:

KIT, Campus North



to Eggenstein-Leopoldshafen

Conference Address / Local contact

For more information or questions, please contact:

Dr. Johannes Lützenkirchen and/or
Dr. Frank Heberling

Karlsruhe Institute of Technology (KIT)
Institute for Nuclear Waste Disposal (INE)
P.O. Box 3640, D-76021 Karlsruhe, Germany

Phone: +49 (0)721-6082-4023
+49 (0)721-6082-4782

E-Mail: transret2020@ine.kit.edu

Please get back to the organizers by e-mail (transret2020@ine.kit.edu) providing the following information by August 1, 2021.

Name:

Affiliation:

e-mail:

I plan to attend

- *In person*
- *On-line*

I plan a contribution

- *Oral presentation*
- *Poster presentation*

Announcement

On the Occasion of its 40th Anniversary, the Institute for Nuclear Waste Disposal (INE) at KIT announces the International Scientific Workshop on

Processes Influencing Radionuclide Transport and Retention

Investigations Across Scales

TransRet2020



Karlsruhe, Germany

postponed to

12th & 13th October 2021



Background

TransRet2020 is the seventh meeting in the series of Karlsruhe Geochemical Workshops. The first workshop was held in 1997. Its main topic was “Geochemical modelling - radio toxic and chemo toxic substances in natural aquatic systems”. The second meeting was held in 1999 focusing on “Mineral/water interactions close to equilibrium”. The first TRePro workshop “Modelling of coupled transport reaction processes” was held in 2002, while SoPro 2005 focused on sorption processes on oxide and carbonate minerals. TRePro II (2009) and III (2014) took up the idea of TRePro 2002.

*The planned **TransRet2020** workshop “Processes Influencing Radionuclide Transport and Retention - Investigations Across Scales” will be held in conjunction with the 40th Anniversary of the Institute for Nuclear Waste Disposal and will continue the successful series of Karlsruhe Geochemical Workshops.*

Scope

The intention of **TransRet2020** is to discuss during two days the latest developments concerning processes affecting the long term safety of nuclear waste repositories across scales, from molecular dimensions to the regional scale, involving both dynamics and equilibrium. The following sessions are planned:

1. Kinetic processes and dynamics
2. Thermodynamics of aqueous speciation, solubility and sorption
3. Micro-scale transport phenomena
4. Large scale transport

Scientific Program

Each session will be introduced by a keynote lecture followed by oral contributions. A poster session will be organized in an appropriate form depending on the COVID situation.

Scientific Committee

We are glad to have a scientific committee composed of distinguished former colleagues from the Institute for Nuclear Waste Disposal:

- Dirk Bosbach (FZJ, Jülich)
- Melissa A. Denecke (Wien)
- Thomas Fanghänel (Uni Heidelberg)
- Thorsten Schäfer (Uni Jena)
- Thorsten Stumpf (HZDR, Dresden)
- Clemens Walther (Uni Hannover)

Organizer

Karlsruhe Institute of Technology (KIT)
Institute for Nuclear Waste Disposal (INE)
www.ine.kit.edu
Germany

Schedule

August 1, 2021	Feedback on participation
August 1, 2021	Abstract-template available
August 31, 2021	Abstract due
September 1, 2021	Registration by email starts
September 15, 2021	Authors notified
	Presentation guidelines
September 21, 2021	Distribution of final program
October 1, 2021	Deadline for registration
October 12-13, 2021	Workshop

Workshop-Format

The workshop will be held as a hybrid of on-site and online event. Due to the current COVID situation, we leave it to the potential participants to decide whether to attend in person or online.

To be able to plan, we ask you to inform us

- (i) whether you plan to come to Karlsruhe or not
- (ii) whether you plan a contribution in form of an oral presentation or a poster.

It is envisaged to enable both types of presentations also for online participants.

Registration, Fees, Transport

No registration fee will be charged.

On-site participants will be provided with help concerning transfers etc.

Accommodation should be booked individually.

Registration will start in September 2021.

Book of Abstracts

All abstracts will be collected to a book of abstracts, which will be distributed among the participants, and published as a KIT-Scientific report.