

RadWorkshop 2024



Workshop Objectives:

The workshop aims to enhance the education of MSc/PhD students and young scientists, bolster the expertise of staff in the field of radiochemistry, and foster effective radioanalytical output.

The objectives of the workshop include:

- 1) To offer participants an overview of the state-of-the-art radioanalytical methods developed and utilised globally for Environmental Monitoring, Nuclear Decommissioning, Emergency Preparedness, Radioecology and Tracer Studies, along with challenges anticipated in the near future.
- 2) To provide participants with the opportunity to acquire knowledge and hands-on experience in analytical experiments by participating in the laboratory training sessions.
- 3) To create a platform for sharing knowledge, exchanging experiences and collaboratively exploring solutions to overcome challenges encountered in the analysis of various radionuclides with different approaches and techniques.

Getting There:

You can find all the necessary information about getting to the workshop venue at Risø near Roskilde from the following link: <http://www.dtu.dk/english/about/campuses/dtu-risoe-campus>.

Accommodation:

For accommodation in the Roskilde area, the following hotels are recommended:

Zleep Hotel (<https://www.zleephotels.com/da/hotel/roskilde/>)

Scandic (<https://www.scandichotels.dk/hoteller/danmark/roskilde>)

Comwell (<http://www.comwellroskilde.dk/>)

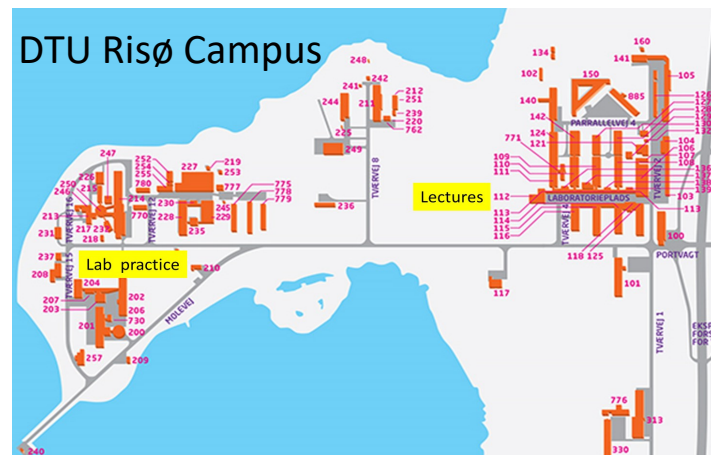
Danhostel (<http://www.danhostelroskilde.dk/>)

Practical Information for Visitors:

For your visit to Roskilde, you can find a lot practical information here:

<http://www.visitroskilde.com/ln-int/roskilde-lejre/tourist>

If you would like to visit Copenhagen, you can find a lot practical information here: <http://www.visitcopenhagen.com/copenhagen/transportation/practical-information>



RadWorkshop 2024



Workshop on Radioanalytical Chemistry for Environmental Monitoring, Nuclear Decommissioning, Emergency Preparedness, Radioecology and Tracer Studies

9-13 September 2024

DTU Risø Campus
Frederiksborgvej 399, Roskilde, Denmark

Welcome ! RadWorkshop 2024

Dear colleagues,

I am delighted to welcome you to the **Workshop on Radioanalytical Chemistry for Environmental Monitoring, Nuclear Decommissioning, Emergency Preparedness, Radioecology and Tracer Studies (RadWorkshop 2024)**. The event is scheduled to take place during **9-13 September 2024**, in the historic town of **Roskilde, Denmark**.

This is the fourth RadWorkshop supported by **NKS**, following three successful RadWorkshops at Risø, Denmark in 2009, 2013 and 2018, each with different focuses within the realm of radioanalytical chemistry. It is also partially supported by **MetroPOEM**. Different from previous ones, RadWorkshop 2024 will embrace a broader spectrum of topics in radioanalytical chemistry, reflecting the evolving landscape of this field.

The workshop is organised by the **Technical University of Denmark (DTU)**, in close collaboration with **Norwegian Life Science University (NMBU)**, **University of Helsinki (UH)**, **Swedish Food Agency (SLV)**, **Norwegian Radiation and Nuclear Safety Authority (DSA)**, and **Radiation and Nuclear Safety Authority, Finland (STUK)**.

RadWorkshop 2024 aims to foster a network for all participants and stakeholders, emphasizing the pivotal role of radioanalytical chemistry in our research domain. I hope RadWorkshop 2024 will be successful to share knowledge, exchange experience and further promote international collaborations, while you also enjoy the lovely autumn in Denmark!

With best regards,

Dr. Jixin Qiao
jqiqi@dtu.dk

Technical University of Denmark
Chairman, RadWorkshop 2024 Organizing Committee



Workshop Venue:

The workshop will take place at DTU Risø Campus, located on the peninsula Risø in Roskilde Fjord, 7 km north of the historic Cathedral town of Roskilde and 40 km west of Copenhagen.

Address: Technical University of Denmark
Risø Campus
Frederiksborgvej 399
DK-4000 Roskilde, Denmark

The Workshop Contents:

9-11th September: Invited lectures and presentations from participants at **Auditorium, building 112, Risø**. A number of renowned experts in the field from around the globe will give insightful talks.

12-13th September: Laboratory training in **building 204, Risø**. The lab training will demonstrate the radiochemical analysis of selected difficult-to-measure radionuclides (e.g., Pu-239, 240, Sr-90) and provide practical instruction for performing ICP-MS measurements.

Abstract Submission and Registration:

Please submit your abstract and register following the link: <https://www.conferencemanager.dk/radworkshop2024>

Abstract submission deadline is **30th June 2024**. Registration deadline is **31st August 2024**. For the lab training, only **20** vacancies are available. The lectures will be accessible to a broader audience.

There is no travel fund available from the organizer. Nordic participants are encouraged to seek for travel funding directly from NKS (<http://www.nks.org/>). The European Radioecology Alliance (<https://radioecology-exchange.org/>) also offers travel support to member institutes.

Workshop Topics:

1. Radiochemistry and measurement techniques

- ◆ Principles of radiochemical analysis
- ◆ Radiochemical methods for hard-to-measure radionuclides
- ◆ Measurement techniques (alpha, beta, gamma, LSC, mass spectrometry)
- ◆ Development of new techniques/materials

2. Radioanalytical Chemistry in Emergency Preparedness

3. Radioanalytical Chemistry in Nuclear Decommissioning

4. Radioanalytical Chemistry in Radioecology and Environmental Studies

