

RadWorkshop 2018



Workshop Objectives:

The workshop aims to strengthen the education of MSc/PhD students and young scientists and to increase competence of staff in the field of radiochemistry, with the focus on its application in nuclear decommissioning and waste management.

The objectives of the workshop include:

- 1) Provide the participants with an overview of the nuclear decommissioning strategies and plans especially in Nordic countries, and the state-of-art of radio analytical methods developed and applied for nuclear decommissioning and challenges faced in the near future.
- 2) Provide an opportunity to the participants to get knowledge and practical experience in analytical experiment by participating the hands-on training in the laboratory.
- 3) Provide a forum to share knowledge, exchange experiences and explore solutions together overcome difficulties in analysis of various radionuclides with different approaches and techniques.

Getting there:

You can find all information you need 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 can be recommended:

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

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

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

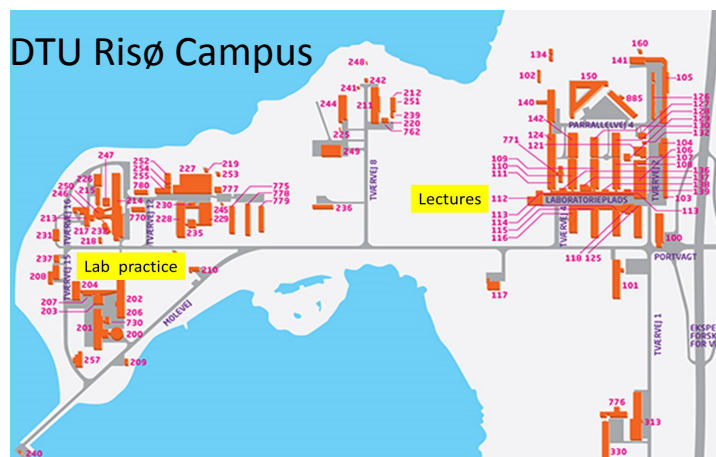
Danhostel (<http://www.danhostelroskilde.dk/>)

Practical Information for Visitors:

You can find a lot practical information for your visit to Roskilde 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 2018



Workshop on Radioanalytical Chemistry for Nuclear Decommissioning and Waste Management

8-12 October 2018

**DTU Risø Campus
Frederiksborgvej 399, Roskilde,
Denmark**

Welcome !

RadWorkshop 2018

Dear colleagues,

I am delighted to welcome you to the Workshop on Radioanalytical Chemistry for Nuclear Decommissioning and Waste Management (RadWorkshop 2018). It will take place during October 8-12, 2018 near the historic town of Roskilde, Denmark.

This is the third RadWorkshop supported by NKS. The two previous RadWorkshops with the scope of general aspects in radioanalytical chemistry took places at Risø, Denmark in 2010 and 2013, respectively. Different from the previous RadWorkshops, the upcoming RadWorkshop 2018 will more focus on radioanalytical chemistry for nuclear decommissioning and waste management.

The workshop is organised by Technical University of Denmark (DTU) in close collaboration with, Swedish Radiation Safety Authority (SSM), Norwegian Radiation Protection Agency (NRPA), Radiation and Nuclear Safety Authority, Finland (STUK).

This workshop will aim to create a network for all the partners in connection with nuclear decommissioning and waste management to review the import role of radioanalytical chemistry played in this domain. I hope that RadWorkshop 2018 is 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
Technical University of Denmark
Chairman, RadWorkshop 2018 Organizing Committee



Workshop Venue:

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

The workshop consists of two parts:

8-10th October: Invited lectures and presentations from participants at Auditorium, building 112, Risø. A number of highly reputed experts from authorities, research institutes and nuclear industries will to be invited to give state-of-the art lectures in different aspects in nuclear decommissioning and waste management with the focus on radioanalytical chemistry.

11-12th October: Lab practice building 202 and 204, Risø. The lab training will demonstrate the radiochemical analysis of alpha emitters (Pu-239, 240 and Am-241) and beta emitters (Fe-55, Ni-63) in nuclear decommissioning materials.

Abstract submission and registration:

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

Abstract submission deadline is **30th June 2018**. Registration deadline is **31st August 2018**. For the lab training, only **20** vacancies are available.

There is no fund available from the organizer to support the participants' travel and subsistence costs. The Nordic participants are encouraged to apply a travel fund directly from NKS (<http://www.nks.org/>).

Workshop topics:

1. **International and national legislation on decommissioning, waste management and clearance of materials, buildings and land**
2. **Strategies, experience and challenges in decommissioning of nuclear facilities**
3. **Radiological characterization and radiochemical analysis**
 - ◆ Sampling technique and strategies
 - ◆ Radiological characterization methods
 - ◆ Principles of radiochemical analysis
 - ◆ Radiochemical methods for hard-to-measure radionuclides
 - ◆ Measurement techniques (alpha, beta, gamma, LSC, mass spectrometry)
 - ◆ Development of new techniques/materials