

## Upcoming seminars

### **NKS-B Radworkshop 2018**

#### **Workshop on Radioanalytical Chemistry for Nuclear Decommissioning and Waste Management**

**8-12 October 2018, DTU Risø Campus, Roskilde, Denmark**

#### **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 town of Roskilde and 40 km west of Copenhagen.

(<http://www.dtu.dk/english/about/campuses/dtu-risoe-campus>)

#### **The workshop consists of two parts:**

8-10<sup>th</sup> 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 be invited to give state-of-the art lectures in different aspects in nuclear decommissioning and waste management with the focus on radioanalytical chemistry.

11-12<sup>th</sup> 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.

#### **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 and together overcome difficulties in analysis of various radionuclides with different approaches and techniques.

#### **Topics of the workshop:**

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

#### **Workshop Organizers:**

DTU Nutech, Technical University of Denmark (Chair)

NRPA, Norwegian Radiation Protection Agency, Norway  
STUK, Radiation and Nuclear Safety Authority, Finland  
SSM, Swedish Radiation Safety Authority, Sweden

**Registration:**

Please submit your abstract and register for the RadWorkshop 2018 following the link <http://www.conferencemanager.dk/NKSRADWorkshop>.

**Important deadlines:**

Abstract submission: **30 June 2018**.

Registration: **31 August 2018**. For the lab training, only **20** vacancies are available.

**Practical information:**

There is no fund available from the organizer for supporting the participants to cover their travel and subsistence costs. The Nordic participants are encouraged to apply a travel fund directly from NKS (see [http://www.nks.org/en/nksb/travel\\_assistance/travel\\_assistance.htm](http://www.nks.org/en/nksb/travel_assistance/travel_assistance.htm) ).

**Contact Person:**

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**NKS-B GAMMARAY**

**Seminar/workshop for users of gamma-ray spectrometry**

**25-26 September 2018, Iceland (tentative information)**

Planned activities before the seminar include intercomparison exercises covering laboratory analyses of samples distributed to participants as well as analyses of distributed gamma spectra. First announcement of the seminar/workshop is planned around 1 May and registration by 1 September.

**Contact Person:**

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## New Publications

The following NKS-R reports are available free of charge: Download by clicking the appropriate link.

NKS-404	Feb 2018	Espen Nystad, Grete Rindahl, Claire Taylor, István Szöke, Sizarta Sarshar: Challenges and opportunities for improving Nordic nuclear decommissioning	NORDEC	<a href="#">View document</a>
NKS-405	Feb 2018	Kaupo Viitanen, Nadezhda Gotcheva, Carl Rollenhagen, Teemu Reiman: Safety Culture Assurance and Improvement Methods in Complex Projects – Final Report from the NKS-R SC_AIM	SC_AIM	<a href="#">View document</a>

The following NKS-B reports are available free of charge: Download by clicking the appropriate link.

NKS-402	Jan 2018	Jens Havskov Sørensen (co-ordinator), Fredrik Schönfeldt, Robert Sigg, Jan Pehrsson, Bent Lauritzen, Jerzy Bartnicki, Heiko Klein, Steen Cordt Hoe, Jonas Lindgren: Added Value of uncertainty Estimates of SOURCE term and Meteorology	AVESOME	<a href="#">View document</a>
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(AVESOME)

NKS-403	Feb 2018	Jixin Qiao, Petra Lagerkvist, Iliia Rodushkin, Susanna Salminen-Paatero, Per Roos, Syverin Lierhagen, Karl Andreas Jensen, Emma Engstrom, Lindis Skipperud: An inter-comparison exercise on the application of ICP-MS techniques for measurement of long-lived radionuclides	NORDIC ICP	<a href="#">View document</a>
NKS-406	Mar 2018	Jixin Qiao, Szabolsc Osvath, Karl Andreas Jensen, Per Roos, Mats Eriksson, Susanna Salminen-Paatero, Iliia Rodushkin, Petra Lagerkvist, Patric Lindahl: NKS ICP User 2017 Seminar Proceedings	NORDIC ICP	<a href="#">View document</a>
NKS-407	Apr 2018	Magnus Gårdestig, Kasra Tazmani, Dag Robøle, Jon Drefvelin, Juha Röning, Marko Kauppinen, Karl Östlund: Nordic Exercise for Unmanned Systems	NEXUS	<a href="#">View document</a>

## NKS Young Scientist Travel Assistance

Updated information that NKS offers travel assistance for young scientists wishing to attend NKS-R and NKS-B events as well as related non-NKS events even outside the Nordic countries - under certain conditions. More information on the conditions and how to apply for travel assistance can be seen on the NKS web site [here \(http://www.nks.org/en/nksr/travel\\_assistance/travel\\_assistance.htm\)](http://www.nks.org/en/nksr/travel_assistance/travel_assistance.htm) for NKS-R related events, and [here \(http://www.nks.org/en/nksb/travel\\_assistance/travel\\_assistance.htm\)](http://www.nks.org/en/nksb/travel_assistance/travel_assistance.htm) for NKS-B related events.

## NKS on LinkedIn

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<https://www.linkedin.com/company-beta/16196099/>

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The NKS Secretariat can be contacted on [nks@nks.org](mailto:nks@nks.org).  
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