

# **10-14 June 2019 NSFS Conference “NEXT LEVEL IN RADIATION PROTECTION”**



**Hanaholmen**  
Espoo/Helsinki, Finland

---

**Second Announcement  
and Call for Papers**

## General Information

The Nordic Society for Radiation Protection NSFS is a member of IRPA (the International Radiation Protection Association). The aim of the society is dedicated to the development and dissemination of knowledge and experience on protection against ionizing and non-ionizing radiation. This work is mainly done through arranging general meetings (conferences) within the Nordic countries, where members can meet and exchange views and information.

A NSFS Conference is held every four years and the 2019 Conference will take place at the Hanaholmen Cultural Centre in Espoo near Helsinki, Finland. The theme of the 2019 NSFS Conference is "Next Level in Radiation Protection".

## Call for Abstracts

You are invited to submit an abstract of any topic within the broad range of radiation protection for presentation as a poster or as a 15 minute talk. Deadline for submission of abstracts is 31 January 2019. The conference language will be English.

Topics:

- **New methods and technologies**
- **Justification of new methods and technologies**
- **Medical applications**
- **Radiation safety research**
- **Nordic nuclear safety research**
- **Nuclear waste management strategies**
- **Modern radioecology**
- **New methods in emergency preparedness**
- **Safety and security interface**
- **Non-ionizing radiation**
- **Research to support regulatory control**
- **Graded approach for radiation safety**

Instructions for submitting abstracts:

- [www.nsfs.org](http://www.nsfs.org)

## Conference venue and accommodation

The Hanaholmen Cultural Centre and conference hotel is booked for the conference. There are 66 rooms at the conference hotel. To book a room at the conference hotel or at any other hotel in Helsinki or Espoo please contact the hotel directly.

More information on the conference venue:

- [www.hanaholmen.fi](http://www.hanaholmen.fi)

## Important dates

- **31 January 2019**

Deadline for submission of abstracts

- **28 February 2019**

Notification of abstract acceptance

- **31 March 2019**

Registration and conference fee

- **30 April 2019**

Deadline for final versions of papers

## Registration fees

- NSFS members: 350 EUR
  - Others: 500 EUR
  - Accompanying persons: 150 EUR
- Includes lunches, coffee, a conference dinner and social programme.

## Registration

Early registration until 31 March 2019. An on-line registration form is available at

- [www.nsfs.org](http://www.nsfs.org)

Late registration until 30 April 2019, see

- [www.nsfs.org](http://www.nsfs.org)

## Exhibitors

As part of the meeting venue there will be an exhibition area where providers of radiation protection related instrumentation, health physics equipment and services will be able to introduce their products. The exhibition area will be close to the meeting hall, the poster area and the coffee service. An exhibition fee of 750 EUR includes a table and free Wi-Fi at the exhibition area. The registration fee has to be paid separately for each participant. More information is available at

- [www.nsfs.org](http://www.nsfs.org)



## Young NSFS members

Financial support to cover travel costs and conference fee will be available to several young NSFS members. More information is available at

- [www.nsfs.org](http://www.nsfs.org)

## Excursions

There's a person limit for all the excursions, so sign up early for the excursions, please!

### • Olkiluoto Nuclear Power Plant

The excursion to the Olkiluoto NPP will start at 7:45 am on Monday 10 June 2019 from Hanaholmen.

The excursion will cover:

- Transport to the Olkiluoto NPP (about 3,5 h) and back to Hanaholmen.
- Lunch at the Visitor Center where you are given general information of actualities in the nuclear sector in Finland i.e. about: OL3-nuclear power unit which is at the moment under operational testing and ONKALO ( Final Deposital Facility for the spent nuclear fuel) which is under construction.
- Visit to the low- and intermediate-level operating waste depository.

The duration of excursion at the site is about 3 hours and the transport back to Hanaholmen will start at 2:45 pm. The maximum number of visitors is 40. A passport is needed for the visit. The cost of the excursion is 50 EUR including transportations.

### • VTT Center for Nuclear Safety

The excursion to VTT (Technical Research Center of Finland) will start from Hanaholmen at 1:30 pm on Monday 10 June 2019.

The excursion will cover alternatively:

- Visit to the FiR 1 Research Reactor which is shut down before decommissioning, or
- Visit to the radiochemical laboratory at the VTT Center for Nuclear Safety

VTT facilities are situated in Otaniemi, Espoo - only 2 km away. The maximum number of visitors is 24. The duration of the excursion is about two hours. The cost of the excursion is 25 EUR including transportations.

### • New Children's Hospital

The excursion to the New Children's Hospital will start from Hanaholmen at 1:30 pm on Monday 10 June 2019.

New Children's Hospital was opened in September 2018. The building was designed with child's view in mind. The hospital provides demanding specialized health care for children all across Finland, and the radiological department is equipped with all imaging modalities. During the tour you can have a look at the examination rooms and equipment used in modern paediatric imaging.

The duration of this excursion is about 1 hour. The maximum number of visitors is 20. The cost of the excursion is 25 EUR including transportations.

### • Boron Neutron Capture Therapy Center at the Helsinki University Hospital

The excursion to the BNCT radiotherapy unit at the Helsinki University Hospital will start from Hanaholmen or from the New Children's Hospital at 3:00 pm on Monday 10 June 2019.

BNCT (boron-neutron capture therapy) is a biologically targeted form of radiation therapy. The tumor region is irradiated with neutrons of suitable energy.

The duration of this excursion is about 1 hour. The maximum number of visitors is 20. The cost of the excursion is 25 EUR including transportations.

## Programme

You can find the updated programme at

- [www.nsfs.org](http://www.nsfs.org)

Programme Overview					
	Monday 10 June	Tuesday 11 June	Wednesday 12 June	Thursday 13 June	Friday 14 June
Morning	Excursions: Olkiluoto NPP (whole day)  VTT Centre for Nuclear Safety (afternoon, 2 h)  New Children's Hospital (afternoon, 1 h)	Registration  Session 1: Opening and Bo Lindell Award  Session 2: Next level in radiation protection	Session 5: Medical applications 1  Session 6: Medical applications 2	Session 8: Nordic nuclear safety research, nuclear waste management strategies  Session 9: Modern radioecology	Session 12: Non-ionizing radiation  Session 13: Research to support regulatory control
Afternoon	BNCT radiotherapy unit at the Helsinki University Hospital (afternoon, 1 h)	Session 3: New methods and technologies  Session 4: Justification of new methods and technologies	Session 7: Radiation safety research, Horizon Europe 22  NSFS General Assembly  Board Meetings	Session 10: New methods in emergency preparedness  Session 11: Safety and security interface	Session 15: Graded approach for radiation safety  Closing session, ends at 14:30
Evening	19:00 Registration & Welcome Cocktail Reception at Hanaholmen	19:00 Conference Dinner at Hanaholmen	18:00 Young Scientist Evening	18:00 Program to be confirmed	



## Social programme

- **Welcome Cocktail Reception, Mon 10 June at 19:00**

Welcome Cocktail Reception is at the Hanaholmen Cultural Centre (conference venue).

- **Conference Dinner, Tue 11 June at 19:00**

The Conference Dinner venue is the Hanaholmen Cultural Centre (Restaurant Johannes).

- **Young Scientist Evening, Wed 12 June at 18:00**

Young Scientists Evening will be organized in Helsinki City Center.

- **Helsinki Day, Wed 12 June**

June 12<sup>th</sup> is Helsinki Day and the city of Helsinki is full of all kinds of events. Read more about Helsinki Day at [www.helsinkipaiva.fi/en/](http://www.helsinkipaiva.fi/en/)

- **Thu 13 June at 18:00 - to be confirmed**

You can find more information about Helsinki at:

- [www.visitfinland.com/helsinki](http://www.visitfinland.com/helsinki)
- [www.myhelsinki.fi](http://www.myhelsinki.fi)

## Contact details

- [www.nsfs.org](http://www.nsfs.org)
- [www.hanaholmen.fi](http://www.hanaholmen.fi)
- [www.stuk.fi](http://www.stuk.fi)

Ritva Bly, [president@nsfs.org](mailto:president@nsfs.org)  
Siiri-Maria Aallos-Ståhl, [secretary@nsfs.org](mailto:secretary@nsfs.org)  
Tuukka Turtiainen, [treasurer@nsfs.org](mailto:treasurer@nsfs.org)

STUK - Radiation and Nuclear Safety Authority  
P.O. Box 14 (Laippatie 4)  
00811 Helsinki, Finland  
tel. +358 9 759 881  
[info@stuk.fi](mailto:info@stuk.fi)

## Local Organizing Committee

Ritva Bly, [president@nsfs.org](mailto:president@nsfs.org)  
Siiri-Maria Aallos-Ståhl, [secretary@nsfs.org](mailto:secretary@nsfs.org)  
Tuukka Turtiainen, [treasurer@nsfs.org](mailto:treasurer@nsfs.org)  
Veli Riihiluoma  
Raija Seuri  
Philip Holm  
Wendla Paile  
Nina Svahn  
Anni Kähkönen  
Ilkka Elo  
Jaana Sinisalo

## Scientific Program Committee

Hannu Järvinen, Chair of the Scientific Program Committee  
Anja Almén  
Kerttuli Helariutta  
Anne Höytö  
Tarja Ikäheimonen  
Gísli Jónsson  
Juha Peltonen  
Tuomas Peltonen  
Sisko Salomaa  
Jens Sogaard-Hansen



## Contributing organizations

