



Technical Meeting on Radiation Protection Challenges in Modern Nuclear Medicine

**IAEA Headquarters
Vienna, Austria**

28 - 30 April 2025

Ref. No.: EVT2404932

Information Sheet

Introduction

Over the past decade, considerable advances in nuclear medicine have led to the introduction of new radiopharmaceuticals in both diagnostic and therapeutic procedures. While these new types of radiopharmaceuticals have been clinically proven, and their use is rapidly increasing, offering more effective diagnostic and therapeutic options, these new treatments require specific safety measures to ensure the protection of patients, healthcare workers and the public.

As a result, updating safety requirements and guidelines has become increasingly important. Furthermore, the lack of sufficient education and training materials on this topic based on the high radiation protection standards may compromise the optimal and safe use of these treatments. This underscores the need for a coordinated approach to updating education and training materials and synchronizing practices according to the standards.

In this context, collaboration among regulatory bodies, healthcare professionals, and patient safety advocates is crucial to ensuring the safe and effective use of these evolving technologies. The meeting will address this, including the use of new tools, such as artificial intelligence (AI), as a means of supporting implementation of these technologies into clinical practice.

The technical meeting seeks to address the emerging challenges and promote collaborative actions to enhance radiation protection of patients in modern nuclear medicine.

Objectives

The primary objectives of this meeting are as follows:

- To discuss the status of modern practices in diagnostic and therapeutic nuclear medicine identifying the challenges in the radiation protection of patients, healthcare workers and the public.
- To provide recommendations for synchronizing the actions of different stakeholders in upgrading the existing guidance, education and training materials and radiation protection practice.

Target Audience

All Member States: Health professionals involved in diagnostic or therapeutic nuclear medicine procedures (Nuclear Medicine Physicians, Medical Physicists, Radiopharmacists, Nuclear Medicine Technologists), Health Authorities, Radiation regulatory Authorities, Artificial Intelligence (AI) Specialists related to the field and Patient Safety Advocates with responsibilities in relation to medical uses of ionizing radiation.

Working Language(s)

English

Participation and Registration

In order to be designated by an IAEA Member State or invited organization, participants are requested to submit their application via the InTouch+ platform (<https://intouchplus.iaea.org>) to the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or organization for onward transmission to the IAEA by (**Designation Deadline**), following the registration procedure in InTouch+:

1. Access the InTouch+ platform (<https://intouchplus.iaea.org>):
 - Persons with an existing NUCLEUS account can sign in to the platform with their username and password;
 - Persons without an existing NUCLEUS account can register [here](#).
2. Once signed in, prospective participants can use the InTouch+ platform to:
 - Complete or update their personal details under ‘Complete Profile’ and upload the relevant supporting documents;
 - Search for the relevant event under the ‘My Eligible Events’ tab;
 - Select the Member State or invited organization they want to represent from the drop-down

menu entitled ‘Designating Authority’ (if an invited organization is not listed, please contact InTouchPlus.Contact-Point@iaea.org);

- If applicable, indicate whether financial support is requested and complete the relevant information (this is not applicable to participants from invited organizations);
- Based on the data input, the InTouch+ platform will automatically generate the Participation Form (Form A) and/or the Grant Application Form (Form C);
- Submit their application.

Once submitted through the InTouch+ platform, the application, together with the auto-generated form(s), will be transmitted automatically to the required authority for approval. If approved, the application, together with the applicable form(s), will automatically be sent to the IAEA through the online platform.

NOTE: The application for financial support should be made, together with the submission of the application, by **3 February 2025**.

For additional information on how to apply for an event, please refer to the [InTouch+ Help](#) page. Any other issues or queries related to InTouch+ can be sent to InTouchPlus.Contact-Point@iaea.org.

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and financial matters.

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency’s Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. The IAEA may also use the contact details of Applicants to inform them of the IAEA’s scientific and technical publications, or the latest employment opportunities and current open vacancies at the IAEA. These secondary purposes are consistent with the IAEA’s mandate. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA’s view, the participant will make an important contribution to the event.

The application for financial support should be made, together with the submission of the application, **3 February 2025**.

Venue

The event will be held at the Vienna International Centre (VIC) where the IAEA’s Headquarters are located. Participants must make their own travel and accommodation arrangements.

General information on the VIC and other practical details, such as a list of hotels offering a reduced rate for IAEA participants, are listed on the following IAEA web page:

<https://www.iaea.org/events>.

Participants are advised to arrive at Checkpoint 1/Gate 1 of the VIC one hour before the start of the event on the first day in order to allow for timely registration. Participants will need to present an official photo identification document in order to be admitted to the VIC premises.

Visas

Participants who require a visa to enter Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria at least four weeks before they travel to Austria. Since Austria is a Schengen State, persons requiring a visa will have to apply for a Schengen visa. In States where Austria has no diplomatic mission, visas can be obtained from the consular authority of a Schengen Partner State representing Austria in the country in question.

Organization

Scientific Secretary

Ms Vesna Gershan

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Department of Nuclear Safety and Security

International Atomic Energy Agency

Vienna International Centre

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Administrative Secretary

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Department of Nuclear Safety and Security

International Atomic Energy Agency

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Email: l.fitzpatrick@iaea.org

Subsequent correspondence on scientific matters should be sent to the Scientific Secretary/Secretaries and correspondence on other matters related to the event to the Administrative Secretary.

Participation Form

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To be completed by the participant and sent to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA) either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary, Ms Chadia Rizk, Division of Radiation, Transport and Waste Safety, Department of Nuclear Safety and Security (Email: C.Rizk@iaea.org) and to the Administrative Secretary, Ms Louise Fitzpatrick, (Email: L.Fitzpatrick@iaea.org).

Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

Deadline for receipt by IAEA through official channels: 3 February 2025

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms
Institution:		
Full address:		
Tel. (Fax):		
Email:		
Nationality:	Representing following Member State/non-Member State/entity or invited organization:	
Current employment: Name and place of organization: Title of your position: Years worked:		
Description of work performed over the last three years and its relevance to the event:		

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency's Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

Grant Application Form

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Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yyyy/mm/dd):	Nationality:	

1. Education (post-secondary):

Name and place of institution	Field of study	Diploma or Degree	Years attended	
			from	to

2. Recent employment record (starting with your present post):

Name and place of employer/ organization	Title of your position	Type of work	Years attended	
			from	to

3. Description of work performed over the last three years:

4. Institute's/Member State's programme in field of event:

Date: _____ **Signature of applicant:** _____

Date: _____ **Name, signature and stamp of Ministry of Foreign Affairs,
Permanent Mission to the IAEA or National Atomic Energy
Authority**
