IAEA
International Atomic Energy Agency
Atoms for Peace and Development

Regional Workshop on Professional Status and Training Gaps in Diagnostic Radiology Medical Physics

Vienna, Austria

31 March – 1 April 2026

C-Building, C0343

Ref. No.: ME-RER6045-2600916

Information Sheet

Purpose

The purpose of the meeting is to review the needs and gaps identified by participating Member States regarding the diagnostic radiology medical physics profession, as well as the skills and competencies required to support healthcare technologies. Key topics for discussion will include professional issues, staffing levels in diagnostic radiology medical physics, and quality management systems.

During the meeting, the project workplan will be examined and finalized, including planned activities and corresponding timelines. Additionally, specific information on baseline indicators will be gathered to support project monitoring.

Working Language(s)

The working language(s) of the event will be **English**.

Deadline for Nominations

Nominations received after **20 February 2026** will not be considered.

Expected Outputs

The expected meeting output is a comprehensive report including baseline information on the following:

1. Current challenges related to diagnostic radiology medical physics in the participating MS,
2. Professional matters with respect to diagnostic radiology medical physicists,
3. Staffing levels (diagnostic radiology medical physicists),
4. Quality management systems in place,
5. Identified gaps and suggested actions to address them in the framework of the project,
6. Finalized project workplan with indication of timelines for the activities.

Background Information

Diagnostic Radiology is the most readily available clinical imaging service, and most frequent source of medical radiation exposure to individuals. Moreover, the development of new technologies in different modalities in diagnostic and interventional radiology has led to the need for greater involvement of medical physicists in clinical practice. This has been requited by the International Basic Safety Standards GSR Part 3. Furthermore, the IAEA publication, Roles and Responsibilities, and Education and Training Requirements for Clinically Qualified Medical Physicists, IAEA Human Health Series No. 25, defines criteria for education and training of Clinically Qualified Medical Physicist (CQMP), including their roles and responsibilities of medical physics in diagnostic and international radiology. Similar definition for the "medical physics expert" is given by Council Directive 2013/59/Euratom. The project aims to build and strengthen the capabilities of diagnostic and interventional radiology medical physicists in the Europe region. It focuses on education training, quality assurance, and integrating new technologies such as artificial intelligence to address the needs of modern and complex imaging procedures with the final goal to ensure quality and safety of diagnostic and interventional radiology services. Through competency-based education and collaboration, the project will ensure a sustainable pool of highly skilled medical physicists capable of implementing aforementioned IAEA standards and guidelines and contributing to improved healthcare outcomes. The design of this project is based on results and achievements done in previous regional projects, including RER6028, RER6032, RER6038 and RER6042 and will further foster the medical physics profession in diagnostic and interventional radiology, regional collaboration and harmonization and alignment with the best international quality assurance practices and international protocols and guidelines.

Scope and Nature

The purpose of this project is to foster the establishment of the medical physics profession in alignment with international best practices (e.g. IAEA HHS25, IAEA TCS71, IAEA TCS 83); to favour the implementation of IAEA standards and guidance documents related to diagnostic radiology medical physics and to improve competencies of medical physicists involved in the medical use of radiation in diagnostic and interventional radiology. The project will also tackle relevant education and professional matters, such as education requirements to become CQMPs (academic programmes, clinical training) and recognition of the medical physics profession and related staffing levels. The activities of the project will be rooted on the existing IAEA guidance documents. The current project builds on the findings and results of previous regional projects, including RER6028, RER6032, RER6038 and RER6042.

Participation

The event is open to Member States of Europe and Central Asia Region.

Each country is invited to nominate **one participant** meeting the requirements described in the corresponding paragraph. If more than one nominations are submitted from one Member States, the order of priority shall be indicated. Applications failing to clarify compliance to the requirements will be automatically rejected.

Participants' Qualifications and Experience

Noting the scope and objective of the project RER6045 "Strengthening Medical Physics in Diagnostic and Interventional Radiology", the participant should be:

a) Priority 1: a project counterpart, preferably a diagnostic radiology medical physicist working in a hospital, or
b) Priority 2: a hospital medical physicist working in another specialty of medical physics (e.g. radiotherapy) also involved in diagnostic radiology activities,
c) A medical physicist representative of a medical physics professional society, i.e. national Medical Physics Societies,
d) Alternatively, where points a), b) and c) cannot be met, a professional providing diagnostic radiology medical physics services to hospitals.

As the workshop will be conducted in English, participants should have sufficient proficiency to deliver and follow talks and participate in the discussions in this language without difficulty.

Applications failing to clarify compliance to the requirements listed above will be automatically rejected.

Application Procedure

Candidates wishing to apply for this event should follow the steps below:

1. Access the IAEA TALEO page (https://iaea.taleo.net/careersection/ex/jobsearch.ftl) and complete the Candidate Profile.
2. Be registered on the Nucleus page of the IAEA (https://nucleus.iaea.org/).
3. Through Nucleus, access the InTouch+ platform where the Profile is completed (My Profile tab) (https://nucleus.iaea.org/Pages/InTouchPlus.aspx).
   NOTE: The email used for TALEO and Nucleus must be the same. If not, the candidate's profile will not appear complete.
4. On the InTouch + platform, under the 'My InTouch +' tab, the candidate needs to:
   a. select the institute / organization that he/she works at / represents ('My Institute' section),
   b. click on the link called **'Refresh Personal History Form'** to update the system, ***otherwise the nominations submitted will have these fields empty and it will not be possible to evaluate them during the selection of candidates*** ('IAEA Recruitment Platform' section).

   NOTE: Once the above steps are finalized, the candidate's profile will appear as completed and he/she can apply for Technical Cooperation events.
5. In the InTouch+ platform (https://intouchplus.iaea.org), in the 'Applications' tab, search by the event number provided in the invitation.

   The help for each step is located at the top of the page. For additional help on how to register, create a profile and apply for an event, please refer to the online guide and training videos available under

the following links: how-to guide and training videos. Any issues or queries related to the new system can be addressed to InTouchPlus.Contact-Point@iaea.org or TC-AIPS-PL4.Contact-point@iaea.org.

Should this not be possible, applicants may download the Nomination Form for the ME from the IAEA website https://www.iaea.org/services/technical-cooperation-programme/how-to-participate.

Applications should contain sufficient information to establish that the nominees have the required qualifications. Please note that the information regarding LANGUAGE SKILLS, EDUCATION AND WORK EXPERIENCE is exported from TALEO. If an applicant's profile in TALEO is not updated, the information in INTOUCH+ for these sections appears as empty and the candidates cannot be evaluated. Completed applications need to be endorsed by the relevant national authority, i.e. the National Liaison Office and submitted through the established official channels.

Administrative and Financial Arrangements

Nominating authorities will be informed in due course of the names of the candidates who have been selected and will at that time be informed of the procedure to be followed with regard to administrative and financial matters.

Selected participants will receive an allowance from the IAEA sufficient to cover their costs of lodging, daily subsistence and miscellaneous expenses. They will also receive either a round-trip air ticket based on the most direct and economical route between the airport nearest their residence and the airport nearest the duty station through the IAEA's travel agency American Express, or a travel grant, or they will be reimbursed travel by car/bus/train in accordance with IAEA rules for non-staff travel.

Disclaimer of Liability

The organizers of the event do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the course, and it is clearly understood that each Government, in approving his/her participation, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

Note for female participants

Any woman engaged by the IAEA for work or training should notify the IAEA on becoming aware that she is pregnant.

The Board of Governors of the IAEA approved new International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources. The Standards deal specifically with the occupational exposure conditions of female workers by requiring, inter alia, that a female worker should, on becoming aware that she is pregnant, notify her employer in order that her working conditions may be modified, if necessary. This notification shall not be considered a reason to exclude her from work; however, her working conditions, with respect to occupational exposure shall be adapted with a view to ensuring that her embryo or foetus be afforded the same broad level of protection as required for members of the public.

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