



IAEA

Atoms for Peace and Development

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International Atomic Energy Agency

Agence internationale de l'énergie atomique

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National Liaison Officers / National Coordinators

In reply please refer to: TN-RER6043-2403288,2403742

Dial directly to extension: (+43 1) 2600-26306

2024-07-05

Subject: **Regional Training Courses in 2024**

Dear National Liaison Officers / National Coordinators

I am pleased to invite you to send nominations of suitable candidates to participate in the **Regional Practical training courses** within the framework of the IAEA technical cooperation project RER6043, "Supporting Member States in Enhancing Cancer Management through Rays of Hope".

The attached list provides further details, including technical and administrative aspects of the events. All events will be in **Moscow, Russian Federation** and will be held in Russian language. Selection of participants will be in accordance with IAEA procedures. Member States are strongly encouraged to identify women participants.

The purpose of each event and approximate number of participants are listed in Attachment 1.

The IAEA will provide non-local participants with a round-trip air ticket based on the most direct and economical route between the airport nearest the participant's residence and the venue of the event or a travel allowance to purchase an air ticket. Travel details will be agreed with the participants upon receipt of their official nomination. Participants will also receive an allowance from the IAEA sufficient to cover their costs of lodging, daily subsistence and miscellaneous expenses for the duration of the event in line with IAEA rules and procedures.

We would appreciate receiving your country's nominations before the **deadline of each event** through the IAEA's InTouch+ platform (<https://Intouchplus.iaea.org>). Should this not be possible, applicants may download the Nomination Form for the course from the [IAEA's webpage](#). Completed forms must be endorsed by the relevant government authority and may be sent to the IAEA, preferably by email to Official Mail - IAEA Mail address Official.Mail@iaea.org, with copy to Ms Mayumi Yamamoto M.Yamamoto@iaea.org and Ms Angie Mieses A.Mieses-Concepcion@iaea.org. Please be advised that late nominations or replacements of participants after the closing date for nominations will not be accepted.

We look forward to receiving your early response.

Yours sincerely,

A handwritten signature in black ink, appearing to be 'Mayumi Yamamoto', written in a cursive style.

Mayumi Yamamoto
Programme Management Officer
Division for Europe
Department of Technical Cooperation

Enclosures: Attachment 1

Attachment 1

List of Regional Training Courses

Technical Cooperation Project RER6043

“Supporting Member States in Enhancing Cancer Management through Rays of Hope”

***All courses are held in Russian language only**

Course Reference Number and Title	Institution and Location	Event Dates	Deadline for Applying	Training Topics
<p>EVT2403288</p> <p>Regional training course on the physics of brachytherapy</p> <p>(21 participants)</p>	<p>AMPR</p> <p>Moscow, RUS</p>	<p>30 Sept. to 04 Oct. 2024</p>	<p>01 August 2024</p>	<p>To train participants in:</p> <ul style="list-style-type: none"> • properties and differences in sources • imaging modalities and procedures in brachytherapy: pros and cons of C-arm/simulator, CT, MRI, ultrasound • brachytherapy treatment planning techniques and prescription concepts including imaging, anatomy segmentation and source localization methods, optimization methods and strategies, treatment plan evaluation, the need for quality assurance, and concepts of risk assessment • radiation safety in brachytherapy • quality management in brachytherapy • specific clinical issues for interstitial breast and anal canal brachytherapy treatment planning • features of different commercial brachytherapy machines and treatment planning systems
<p>EVT2403742</p> <p>Regional training course on advanced dosimetry and treatment planning in radiation therapy</p> <p>(21 participants)</p>	<p>AMPR</p> <p>Moscow, RUS</p>	<p>14 to 25 October 2024</p>	<p>05 August 2024</p>	<p>To train participants in:</p> <ul style="list-style-type: none"> • basis of IMRT/VMAT and highly conformal radiation techniques • technical aspects of treatment preparation and treatment delivery • dose calculation and the quality assurance process • inverse planning optimization and its practical implementation • quality assurance, including mechanical and dosimetry tests and plan verification • absolute and relative dosimetry and commissioning • impact of motion and geometrical uncertainties on IMRT/VMAT • specific clinical issues for Head and Neck, Breast, Lung, Craniospinal cancer