



Regional Training Course on the Safe Operation of Irradiation Facilities

Hosted by

The Government of Serbia

through the

Department of Radiation Chemistry and Physics

Belgrade, Serbia

14 to 18 October 2019

Ref. No.: TN-RER1019-1900402

Information Sheet

Purpose

The purpose of the event is to train participants on recent approaches for the safe operation of irradiation facilities.

Working Language(s)

The working language of the event will be English.

Deadline for Nominations

Nominations received after **2 August 2019** will not be considered.

Project Background

Radiation processing exists in many European countries mainly for the sterilization of medical products and the production of advanced polymer materials. The planned further expansion of the European Union will result in increased trade, requiring strictly controlled radiation technologies through standardized quality control methods and procedures. EU and national authorities introduced new standards and regulations related to health care products, pharmaceuticals, food treatment and further development in radiation processing. Regional activities were initiated and carried out to help the establishment of radiation processing technologies and to check the existing quality control procedures in the region in industrial gamma and electron beam facilities.

Building on the achievements of previous IAEA TC regional projects, such as RER/8/017 “Enhancing Quality Control Methods and Procedures for Radiation Technology” (2009-2011), RER/1/011 “Introducing and Harmonizing Standardized Quality Control Procedures for Radiation Technologies” (2012-2013), and RER/1/017 “Using Advanced Radiation Technologies for Materials Processing (2016-2017) including a Regional Workshop on Techno-commercial Aspects for Setting New Radiation Facilities” RER1019 aims at facilitating the harmonization of selected national standards with the international standards ISO 9001, ISO 13485 and ISO 11137. In particular, the project will facilitate the implementation of product and process control measures, enforced by the EU and national laws and regulations, which in turn is essential for the successful and safe operation of radiation processing installations.

To this end, this training course represents a valuable opportunity to provide regional specialists with advanced training in the field of safe operation of irradiation facilities, with emphasis on current safety and control strategies that are being employed in radiation facilities to meet international standards and on standard operating procedures to deal with any untoward emergency situation in the facility .

Expected Outputs

The expected outputs of the training course are:

- Knowledge of participants enhanced and exchanged as regards the application of recent approaches for the safe operation of irradiation facilities;
- Enhanced cross-stakeholder and cross-sectoral networking at both the national and regional level;
- Achievements reviewed as per objectives of the project RER1019 and remaining challenges/ emerging areas to be addressed identified; and
- TC report produced for distribution to the project counterparts.

Scope and Nature

The training course will consist of presentations and group exercises covering topics related to new approaches for the safe operation of irradiation facilities.

Participants are kindly requested to prepare a short (10-15 minutes) summary - to be given during the participant introductory session at the beginning of the training course - describing their conventional approaches for safe operation for radiation processing.

Participants' Qualifications and Experience

The participants should be technical specialists (e.g., physicists/ engineers) with hands-on experience in operation, control, maintenance or safety regulation of radiation facilities. Priority shall be given to those candidates who are working directly in the field of radiation processing technologies.

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 TN 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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