



Interregional Training Course on Advanced Methodologies for Orphan Source Search and Recovery

Hosted by

The Government of Malaysia

through the

Malaysian Nuclear Agency

Kuala Lumpur, Malaysia

1 July 2019 – 5 July 2019

Ref. No.: TN-INT9182-1807126

Information Sheet

Purpose

The purpose of the event is to train participants in the theoretical and practical aspects of advanced methodologies for orphan source searches.

Working Language(s)

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

Deadline for Nominations

Nominations received after 31 March 2019 will not be considered.

Scope and Nature

The participants will learn how to conduct searches for orphan source in a comprehensive, effective and safe manner. The course offers advanced knowledge on handling various types of radioactive sources. The participants will acquire the capability to conduct or organise orphan source searches and to share the corresponding knowledge with peers in their countries.

The course will contain desktop analytical and computational examples, hands-on indoor and field activities. The hands-on exercises will include radiation detection and source handling equipment, and radiation safety measures. The analytical exercises will cover administrative and physical searches, as well as source transport studies. Security aspects of the source recovery operations will be included. Specific situations and methods will be analysed in relation to the source search, characterisation, transport and storage. Practical examples will be provided with a strong involvement of the participants in hands-on activities and theoretical exercises.

Participation

The training course is open to 40 participants from Member States participating in the INT9182 project. Candidates should be staff members of regulatory bodies or other entities that may be involved in searching for orphan sources.

Participants' Qualifications and Experience

The training course will be conducted in English. Participants should have sufficient proficiency to follow lectures, instructions, participate in exercises and express themselves in the English language without difficulty.

Participants should be proficient in the use of radiation detection and measurement equipment and have extensive radiation safety knowledge. The course will involve the use of radioactive sources; therefore, participants should be designated as occupationally exposed workers in their home countries as they will be participating in exercise that will involve entering areas that are controlled for the purposes of radiation protection.

Occupational Exposure to Radiation

This event may involve occupational exposure to radiation. Therefore, persons nominated are required to duly complete and return the Occupational Exposure History (OEH) form. Persons not covered under a radiation surveillance programme are required to provide:

- A medical certificate or personal declaration of health fitness to work with ionizing radiation;
- Information on your training in radiological protection;
- The dose records of the past five years (if available).

The IAEA will provide participants in due course with a dosimeter to monitor their occupational exposure during this event.

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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