



Atoms for Peace

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国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

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2019-05-06

Subject: Invitation for two Long Term Fellowships on Measurement of Long-Lived Beta Emitter Radionuclides in Decommissioning Samples, Spiez, Switzerland, 2 September 2019 - 28 August 2020 and 13 January - 18 December 2020

Dear National Liaison Officer,

I am pleased to invite you to send nominations of suitable candidates to participate in the above-mentioned fellowships under the framework of TC Project "RER9150 Improving Capabilities to Efficiently Implement Large Ongoing Decommissioning Projects and Waste Management with Minimization of Risks Based on Initiatives and Potential Synergies". The purpose of the fellowships and related information are outlined in the attached prospectus.

For candidates who are selected by the IAEA, the IAEA will cover the cost of return international travel from the home country to Switzerland and provide a stipend for the duration of the fellowship in line with IAEA rules and procedures.

We would appreciate receiving your country's nominations by **30 May 2019** through the IAEA's InTouch+ platform (<https://Intouchplus.iaea.org>). Should this not be possible, applicants may download the Nomination Form for Fellowship 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 Carmina Elizabeth Jimenez Velasco C.Jimenez@iaea.org and Ms Ia Beria I.Beria@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,


Carmina Jimenez
Programme Management Officer
Division for Europe
Department of Technical Cooperation

Enclosure: Prospectus

International Atomic Energy Agency

Long Term Fellowships on Measurement of Long-Lived Beta Emitter Radionuclides in Decommissioning Samples

PROSPECTUS

- Project Number & Title:** RER9150 Improving Capabilities to Efficiently Implement Large Ongoing Decommissioning Projects and Waste Management with Minimization of Risks Based on Initiatives and Potential Synergies
- Place (City, Country):** Spiez, Switzerland
- Dates:** 1st Fellowship: 2 September 2019 to 28 August 2020
2nd Fellowship: 13 January 2020 to 18 December 2020
- Deadline for Nominations:** 30 May 2019
- Organizers:** The International Atomic Energy Agency (IAEA) in cooperation with the Government of Switzerland through the SPIEZ LABORATORY of the Federal Office for Civil Protection.
- Host Country Organizer:** Mario Burger, Ph.D.
Head of Nuclear Chemistry Division
- Marc Stauffer
Head of the Radiochemistry and Inorganic Analysis Branch
- José Corcho Ph.D.
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- Language:** English. Knowledge of French or German would be positive.
- Purpose:** The main purpose of the long-term fellowships is to improve the knowledge

in measurements of long-lived beta emitter decommissioning type radionuclides in various matrices, particularly in building materials of nuclear facilities.

There are two fellowship places available for the indicated periods below:

First fellowship during 2 September 2019 to 28 August 2020

Second fellowship during 13 January to 22 December 2020.

Expected Output(s):

Participants will have to:

1. Conduct a literature review on radiochemical methods for decommissioning purposes, with emphasis in the determination of the long-lived beta emitters such as Ca-41, Cl-36, I-129, C-14, etc.
2. Become acquainted with the radiochemical procedures and activity measurement of long-lived beta emitters.
3. Organize and conduct the necessary laboratory work for testing and validating of at least one radiochemical method for a long-lived beta emitter of interest.
4. Communicate the results through the preparation of reports/documents for publication.
5. Other works related to the personal interests of the candidate related to radiochemistry, detection methods and in the interest of RER/9/150. Personal interest and work have already been done in this subject has to be mentioned in the application form.

Scope and Nature:

The long-term fellowships will consist of both technical lectures and practical training with hands-on experiments led by the staff of the laboratory. The participant should be able to work autonomous after the first month of the fellowship.

Topics that will be included are:

1. Radiochemistry
2. Sample preparation
3. Counting and detection methods, with emphasis on beta particle measurement.
4. Hands-on experiments at the laboratory.
5. Quality assurance/Quality control
6. Preparation of scientific reports/publications
7. Other topics of interest for the candidate and the IAEA.

Participation:

This long-term fellowship is open to two participants from Member States participating in project RER9150 (Armenia, Bulgaria, Czech Republic, Hungary, Lithuania, Romania, Russia, Slovenia, Slovakia, Ukraine). The applicants will be selected based on the qualification criteria stated below. Therefore, applicants are encouraged to provide the necessary information to prove their professional competencies.

Participants' Qualification:

A master degree in Chemistry or Radiochemistry.
Minimum of two years of demonstrated experience in the field of laboratory

work.

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/>) 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 FS 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 event, 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.

IAEA Contacts Programme Management Officer (responsible for substantive matters):

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