



Atoms for Peace

الوكالة الدولية للطاقة الذرية
国际原子能机构
International Atomic Energy Agency
Agence internationale de l'énergie atomique
Международное агентство по атомной энергии
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National Liaison Officer/National Coordinator

2018-08-31

Subject: Regional Workshop on Training in Neutron Imaging, Vienna, Austria from 10 to 14 December 2018

Dear National Liaison Officer/National Coordinator,

I am pleased to inform you that the International Atomic Energy Agency (IAEA) is organizing the above event under the IAEA technical cooperation project RER1016, "Enhancing Utilization and Safety of Research Reactors".

The purpose of the event is to introduce the new draft IAEA e-learning course on neutron imaging and pilot its use for feedback and further dissemination to Member States.

The attached Information Sheet provides further details, including technical and administrative aspects of the event. Selection of participants will be in accordance with IAEA procedures.

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 Vienna. 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 by **28 September 2018** through the IAEA's InTouch+ platform (<https://Intouchplus.iaea.org>). Should this not be possible, applicants may download the Nomination Form for the workshop 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 Mr Alexey Katukhov A.Katukhov@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 read 'Alexey Katukhov', written in a cursive style.

Alexey Katukhov
Programme Management Officer
Division for Europe
Department of Technical Cooperation

Enclosures: Information Sheet



Regional Workshop on Training in Neutron Imaging

Hosted by

The International Atomic Energy Agency
IAEA Headquarters
Vienna, Austria

10 – 14 December 2018

Ref. No.: RER1016-1802560

Information Sheet

Purpose

The purpose of the event is to introduce the new draft IAEA e-learning course on neutron imaging and pilot its use for feedback and further dissemination to Member States.

Working Language(s)

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

Deadline for Nominations

Nominations received after **28 September 2018** will not be considered.

Scope and Nature

This workshop is organized under the scope of the Technical Cooperation project RER1016: Enhancing Utilization and Safety of Research Reactors (2016-2019). The project objective is to contribute to the knowledge and research base, quality of services and products, sustainability and safe operation of participating research reactor facilities through networking, coalitions and international cooperation.

Enhancement of low and medium power research reactor (RR) utilization is often pursued by increasing activities on nuclear techniques, such as neutron activation analysis (NAA), which is the neutron-based technique most commonly present in RRs (with 117 out of 238 operational RRs), or neutron imaging (NI), which is the second with 73 RRs reporting its availability in the IAEA Research Reactor Data Base (<https://nucleus.iaea.org/RRDB>, July 2018). With further NI facilities at spallation sources, it is a technique that can be implemented even at low power research reactors. It has great potential for further methodical improvements and wider practical applications in research and industrial utilization.

Unfortunately, it has been observed that the retirement and/or departure of experienced staff often results in gaps in knowledge of methodological principles and metrological aspects of the techniques employed, both within the remaining team and for new recruits. In this regard, the IAEA developed a dedicated e-learning tool for NAA, on-line since October 2017 and with users from over 40 Member States.

The same issues exist in the NI community, and therefore, the IAEA initiated the development of an e-learning course on Neutron Imaging. A draft of the course is now prepared, covering all main technical and application areas of NI.

The event will consist in a pilot training workshop using the draft IAEA e-learning course on Neutron Imaging. It is expected that the training experience will also provide input to revise and finalize the course. The workshop format will consist of presentations given by the main authors of the course, external experts as well as by the participants and IAEA staff experts in sessions devoted to specific topics, with subsequent discussions on the topics, practical exercises, self-assessment tests and discussions of the e-learning course.

Participation

The event is open to 15 participants from Member States participating in the project RER/1/016, with up to two participants per Member State. Candidates should have experience in neutron imaging. It is expected that, in the case that two participants from a Member State are nominated, one is an experienced practitioner of neutron imaging and the second less so, in order to fulfil the expected outcome of the workshop. Priority will be given to candidates from European Member States that have or are planning to install a neutron imaging facility.

Participants' Qualifications and Experience

Candidates should be practitioners or users of neutron imaging. This includes scientific and technical personnel operating or using a neutron imaging facility, as well as both experienced practitioners and less experienced practitioners or newcomers. Before the workshop, the participants are expected to study one module of the course, and prepare a presentation giving feedback from their experience with this course.

As the workshop will be conducted in English, all participants should have sufficient proficiency to follow discussions and lectures and express themselves in this language without difficulty.

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 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

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