IAEA
International Atomic Energy Agency
Atoms for Peace and Development

Virtual Event - Regional Training Course on Supporting Women for Nuclear Science Education and Communications: A Continuing Education Program for Female University Science Teachers and Science Communication Professionals

Hosted by

The International Atomic Energy Agency in cooperation with
ANSTO Australian Nuclear Science and Technology Organisation

30 November to 11 December 2020

Ref. No.: TN-RAS0081-2003350

Information Sheet

Purpose

The purpose of this training course is to train women educators and communicators to impartially teach and inform how nuclear science and technology is helping to achieve the UN Sustainable Development Goals for benefiting humankind. Participants will be educators in science related fields and science journalists having teaching responsibilities.

Through both communal and targeted activities, including lectures, group work, presentations and virtual facility visits, complementary approaches and connectivity will be instilled for teaching nuclear technologies and informing about nuclear technologies. Each year alumni from previous years will assume advisor status and will be partnered up with current participants to share ideas across the globe.

Additionally, selected successful graduates will be invited to be resource speakers in the next programmes, following a "spiral approach". These activities will nurture networking of graduates across programme cohorts and propagate motivation and inspiration across all regions.

Working Language

The working language of the event will be English.

Deadline for Nominations

Nominations received after 15 October 2020 will not be considered.

Project Background

A continuing education programme covering the socio-economic benefits and technical aspects of nuclear science and technologies for education and information. This programme takes advantage of the state-of-the-art facilities in Australia through ANSTO, including the Open Pool Australian Light-water (OPAL) multi-purpose reactor, the Australian Synchrotron, the Centre for Accelerator Science, and the Australian Centre for Neutron Scattering.

At the end of the programme, participants are expected to prepare and present an action plan for a one-year-implementation in their places of work, which is tailored according to specialisation and includes key performance indicators and planning milestones for success and impact tracking.

Scope and Nature

The course will cover the socio-economic benefits and technical aspects of nuclear science and technologies for education and information. Through both communal and targeted educator and journalist activities, including lectures, group work, presentations and virtual facility visits, complementary approaches and connectivity will be instilled for teaching nuclear technologies and informing of nuclear technologies. Participants will be invited to complete an end of course communication item to effectively communicate what they have learned.

All participants are invited to continue to engage through an alumni network following the completion of their course. The outputs are expected to be an established network of nuclear science educators and journalists across the globe having insight into the technological aspects of the application of accelerators and research reactors for socioeconomic benefits and a solution journalism approach to reporting on these to a wide public. Graduates of this programme are expected to echo their learnings in their respective areas of work, in curriculum development and delivery at higher education and vocational institutions, and in the dissemination of science information via reporting and media presence.

Participation

This course is open to 40 participants from across all four regions.

Participants will be educators in science related fields having teaching responsibilities and science journalists from Africa, Asia and the Pacific, Europe and Latin America and the Caribbean. This event will be supported by:

- TCLAC (RLA0066) “Strengthening the Planning, Design and Monitoring of the Programme to Support the Implementation of Strategic Activities for Nuclear Technology and its Applications”;
- TCAF (RAF0054) “Supporting Programme Development and Review Including Pre-Project Assistance” and
- TCEU (RER0045) “Supporting Overall Programme Management and Sustainability”.

Participants’ Qualifications and Experience

Participants will be educators in science related fields and science journalists having teaching responsibilities. Through both communal and targeted activities, including lectures, group work, presentations and virtual facility visits, complementary approaches and connectivity will be instilled for teaching nuclear technologies and informing about nuclear technologies. Each year alumni from previous years will assume advisor status and will be partnered up with current participants to share ideas across the globe.

Additionally, selected successful graduates will be invited to be resource speakers in the next programmes, following a “spiral approach”. These activities will nurture networking of graduates across programme cohorts and propagate motivation and inspiration across all regions. The applicants must have been working in their field between 3-6 years and be endorsed by their organization and the National Liaison Office of their countries to attend.

Due to the limited number of places, prioritisation of candidates will be based on:

- Highest level of education achieved (PhD, Master, Bachelor);
- Relevant professional work experience (as outlined above) including relevant field of expertise and required years of experience;
- Certified English skills;
- Well-developed explanation of the expected results to be taken from this training course (to be reflected in the nomination form)

Application Procedure

Candidates wishing to apply for this event should follow the steps below:

1. Access the InTouch+ home page (https://intouchplus.iaea.org) using the candidate's existing Nucleus username and password. If the candidate is not a registered Nucleus user, she/he must create a Nucleus account (https://websso.iaea.org/IM/UserRegistrationPage.aspx) before proceeding with the event application process below.
2. On the InTouch + platform, the candidate must:
    a. Finalize or update her/his personal details, provide sufficient information to establish the required qualifications regarding education, language skills and work experience ('Profile' tab) and upload relevant supporting documents;
    b. Search for the relevant technical cooperation event (EVT2003350) under the 'My Eligible Events' tab, answer the mandatory questions and lastly submit the application to the required authority.

NOTE: Completed applications need to be approved by the relevant national authority, i.e. the National Liaison Office, and submitted to the IAEA through the established official channels by the provided designation deadline.

For additional support on how to apply for an event, please refer to the InTouch+ Help page. Any issues or queries related to InTouch+ can be addressed to InTouchPlus.Contact-Point@iaea.org.

Should online application submission not be possible, candidates may download the nomination form for the training course from the IAEA website.

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.

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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