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International Atomic Energy Agency
Agence Internationale de l'énergie atomique
Международное агентство по атомной энергии
Organismo Internacional de Energía Atómica

National Liaison Officer

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In reply please refer to: C7-RER/9/142/002
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2016-04-01

Subject: Invitation to a Regional Postgraduate Educational Course on Radiation Protection and the Safety of Radiation Sources, Minsk, Belarus, 3 October to 16 December 2016 and from 23 January to 14 April 2017.

Dear National Liaison Officer,

I am pleased to invite you to send nominations of suitable candidates to participate in the above-mentioned training course under the framework of TC Project RER/9/142 – “Establishing Sustainable Education and Training Infrastructures for Building Competence in Radiation Safety”. The purpose of the training course 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 Minsk, Belarus and provide a stipend for the duration of the training course in line with IAEA rules and procedures.

Please submit nominations to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Only if this is not possible, nominations may be submitted on the Nomination Form for Training Course available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/train-course/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, Ms Mayumi Yamamoto (IAEA Official Fax: +43-1-26007 or E-Mail Official.Mail@iaea.org), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than 31 May 2016.

Yours sincerely,

Martin Krause
Director
Division for Europe
Department of Technical Cooperation

Enclosure: Prospectus

International Atomic Energy Agency

Postgraduate Educational Course on Radiation Protection and the Safety of Radiation Sources

PROSPECTUS

- Project Number & Title:** RER/9/142 "Establishing Sustainable Education and Training Infrastructures for Building Competence in Radiation Safety"
- Place (City, Country):** Minsk, Belarus
- Dates:** 03 October - 16 December 2016 and 23 January - 14 April 2017
- Deadline for Nominations:** 31 May 2016
- Organizers:** The International Atomic Energy Agency (IAEA) in collaboration with the Government of Belarus through the Belarus State University
- Host Country Organizer:** Andrey Igorevich Timoshchenko
International Sakharov Environmental Institute of Belarus State University
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- Language:** Russian
- Purpose:** The purpose of the training course is to meet the needs of professionals at graduate level, or the equivalent, for initial training to acquire a sound basis in radiation protection and safety of radiation sources. The course also aims to provide the necessary basic tools for those who intend to become qualified expert in radiation protection in the later years and be involved in education and training in radiation protection in their home countries. It is designed to provide both theoretical and practical training in the multidisciplinary scientific and/or technical bases of international recommendations and standards on radiation protection and their implementation.
- Expected Output(s):** Experts in radiation protection trained and educated in relevant IAEA Safety Standards (including the International Basic Safety Standards) and be able to support the establishment of national education and training programme (even as trainers) in their home countries.

Scope and Nature:

Topics of the course include: Review of fundamentals; Quantities and measurements; Biological effects of ionizing radiation; International system of radiation protection and the regulatory framework; Assessment of external and internal exposures; Planned exposure situations (General requirements; occupational, public and medical exposure); Emergency exposure situations; Existing exposure situations; Training the trainers; Project assignment.

Participants are expected to carry out a mini research project to demonstrate their knowledge and skills acquired within the course. The project should be aimed at solving a specific radiation protection problem in their home country and participants are expected to present their project at the end of the course. Selected candidates should therefore bring suitable ideas/topics for the project.

Participants are expected to attend all lectures, practical exercises and technical visits, and are required to sit compulsory examinations to assess their knowledge and skills. On-line pre-training will be carried out prior to the start of the course, and written examinations will be held throughout the course. Participants who do not perform well in the examinations may be requested to return home and may be required to reimburse any fees to the IAEA.

Background Information:

Building competence through education and training in radiation safety is fundamental to the establishment of a comprehensive and sustainable national infrastructure for radiation safety, which in turn is essential for protecting people from the harmful effects of radiation. Especially important to the effectiveness of such an infrastructure is the high-level education and training of regulators, future decision makers, as well as key personnel from relevant national bodies such as technical support organizations.

For that purpose the project RER/9/142 is aimed at supporting Member States to implement a strategy for education and training in radiation, transport and waste safety, and to maintain and expand competencies in the region facilitating the implementation of the national education and training programmes.

The Postgraduate Educational Course for radiation protection and the safety of radiation sources is one of the main competence building tools developed for that purpose.

Participation:

The training course is open up to 20 (including local) participants from countries that participate in the project RER/9/142, subject to the availability of funds.

The target countries are: Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Georgia, Greece, Hungary, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Malta, Montenegro, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Tajikistan, The former Yugoslav Republic of Macedonia, Turkey, Ukraine and Uzbekistan.

Participants' Qualifications:

The target audience is young professionals needing to acquire a sound basis in radiation protection and knowledge of related safety fundamentals.

The participants will be **not over 35 years** of age. They should have a formal education to a level equivalent to a university degree in the physical, chemical or and/or biological/health sciences or engineering and should have been working or selected to work, in the future, in the field of radiation protection and safety of radiation sources in their country. The participants should be able to attend both 1st Part and 2nd Part of the course.

Participants are expected to become, over the course of time, senior regulators, senior decision makers or trainers in this important field: this should be considered by the nominating authorities when proposing candidates.

**Nomination
Procedure:**

Nominations should be submitted to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Should this not be possible, nominations may be submitted on the standard IAEA Application Form for Training Courses (available on the IAEA website: <http://www.iaea.org/>). Completed forms should be endorsed by relevant national authorities and returned to the Agency through the official channels, i.e. the designated National Liaison Office for IAEA Matters.

Furthermore, please ensure to provide the dose records for the last 5 years in the attached form. Failure to do so will be considered as incomplete submission of application, and your nomination form may not be reviewed.

The completed nomination forms should be sent to the Programme Management Officer for this project, Ms Mayumi Yamamoto, by fax: +43 1 26007 or via email: Official.Mail@iaea.org, not later than **31 May 2016**. Nominations received after this date or which have not been routed through the established official channels cannot be considered.

**Administrative
and Financial
Arrangements:**

Nominating Governments will be informed in due course of the names of the candidates who have been selected and will, at that time, be given full details of the procedures to be followed with regard to administrative and financial matters.

Selected participants from countries eligible to receive technical assistance will be provided with a round trip economy class air ticket from their home countries to Minsk, Belarus, and a stipend sufficient to cover the cost of their accommodation, food, and minor incidentals. Shipment of accumulated training course materials to the participants' home countries is not the responsibility of the IAEA.

The organizers of the training course 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 training course, and it is clearly understood that each Government, in nominating participants, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.