



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
Organismo Internacional de Energía Atómica

National Liaison Officer

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In reply please refer to: RER/1/017/003
Dial directly to extension: (+431) 2600-22340

2017-03-10

Subject: Invitation to a Regional Training Course on Safe Operation of Gamma and E-beam Facilities for Radiation Processing, Belgrade, Serbia, 26-30 June 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/1/017 – Using Advanced Radiation Technologies for Materials Processing. 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 Belgrade, Serbia 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 Carmina Jimenez Velasco (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 **21 April 2017**.

Yours sincerely,

Martin Krause
Director
Division for Europe
Department of Technical Cooperation

Enclosures: Prospectus

International Atomic Energy Agency

Regional Training Course on Safe Operation of Gamma and E-beam Facilities for Radiation Processing

PROSPECTUS

- Project Number & Title:** RER/1/017: Using Advanced Radiation Technologies for Materials Processing
- Place (City, Country):** Belgrade, Serbia
- Dates:** 26-30 June 2017
- Deadline for Nominations:** 21 April 2017
- Organizers:** The International Atomic Energy Agency (IAEA) in collaboration with the Government of Serbia through the Vinca Institute of Nuclear Sciences.
- Host Country Organizer:** Mr Slobodan Masic
Laboratory of Radiation Chemistry and Physics "Gamma"
Vinca Institute of Nuclear Sciences
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- Language:** English
- Purpose:** The purpose of the training course is to enhance and exchange knowledge and experience on recent approaches for safe operation of gamma and e-beam facilities for radiation processing (for operators, radiation safety officers).
- Expected Output(s):** The expected outputs of the training course are:
- Knowledge of participants enhanced and exchanged as regards to the application of recent approaches for safe operation of gamma and e-beam facilities for radiation processing;
 - Enhanced cross-stakeholder and cross-sectorial networking at both national and regional level;
 - Achievements reviewed as per objectives of the project RER/1/017 and remaining challenges/ emerging areas to be addressed identified;
 - Training course report produced for distribution to the project counterparts.

Scope and Nature:

The training course will consist of presentations and group exercises covering topics related to new approaches for safe operation of gamma and e-beam facilities for radiation processing.

Participants are kindly requested to prepare a short (10-15 minutes) summary - to be given during the participant introductory session at the beginning of the training course - describing their regular approaches for safe operation for radiation processing.

Background Information:

Radiation processing exists in many European countries mainly for the sterilization of medical products and for the production of advanced polymer materials. The planned further expansion of the European Union will result in increased trade, requiring strictly controlled radiation technologies through standardized quality control methods and procedures. EU and national authorities introduced new standards and regulations related to health care products, pharmaceuticals, food treatment and further development in radiation processing. Regional activities were initiated and carried out to help the establishment of radiation processing technologies and to check the existing quality control procedures in the region in industrial gamma and electron beam facilities.

Building on the achievement of previous TC regional project, such as RER/8/017 "Enhancing Quality Control Methods and Procedures for Radiation Technology" (2009-2011) and RER/1/011 "Introducing and Harmonizing Standardized Quality Control Procedures for Radiation Technologies" (2012-2013), project RER/1/017 aims at facilitating the harmonization of selected national standards with the international standard ISO11137. In particular, the project will facilitate the implementation of product and process control measures, enforced by the EU and national laws and regulations, which in turn is essential for the successful and safe operation of installations.

To this end, this course represents a valuable opportunity to provide regional specialists with advanced training in the field of safe operation of irradiation facilities, with emphasis on current safety and control strategies that are being employed in radiation facilities to meet international standards and on standard operating procedures to deal with any untoward emergency situation in the facility.

Participation:

The training course is open to 2 participants per country from Member States participating in the regional TC project RER/1/017. For this event, the target countries are those where radiation processing technologies are established or soon to be introduced, namely: Azerbaijan, Belarus, Bulgaria, Croatia, Czech Republic, Estonia, Hungary, Kazakhstan, Poland, Portugal, Romania, Russian Federation, Serbia, Slovakia, Turkey and Ukraine.

Participants' Qualifications:

The participants should be technical specialists (e.g., physicists/ engineers) with hands-on experience in operation, control, maintenance or safety regulation of radiation facilities. First priority shall be given to those candidates who are working directly in the field of radiation processing technologies.

**Nomination
Procedure:**

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 Carmina Jimenez Velasco (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 **21 April 2017**.

**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 Belgrade, Serbia, 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.