



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

National Liaison Officer

Vienna International Centre, PO Box 100, 1400 Vienna, Austria

Phone: (+43 1) 2600 • Fax: (+43 1) 26007

Email: Official.Mail@iaea.org • Internet: <http://www.iaea.org>

In reply please refer to: RER/6/028/003

Dial directly to extension: (+431) 2600-26442

2015-06-17

Subject: Invitation to a Regional Training Course on Patient Dosimetry in Diagnostic Radiology, Budapest, Hungary, 23-27 November 2015

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/6/028 – Establishing Quality Assurance /Quality Control in X Ray Diagnostics. 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 Budapest, Hungary 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, Mr Andrejs Salmins (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 1 August 2015.

Yours sincerely,

Martin Krause
Director
Division for Europe
Department of Technical Cooperation

Enclosures: Prospectus

International Atomic Energy Agency

Regional Training Course on Patient Dosimetry in Diagnostic Radiology

PROSPECTUS

- Project Number & Title:** RER6028: Establishing Quality Assurance/Quality Control in X Ray Diagnostics
- Place (City, Country):** Budapest, Hungary
- Dates:** 23-27 November 2015
- Deadline for Nominations:** 15 August 2015
- Organizers:** The International Atomic Energy Agency (IAEA) in collaboration with the Government of Hungary through the National Research Institute for Radiobiology and Radiohygiene "Frederic Joliot Curie"
- Host Country Organizer:** Richard Elek
National Research Institute for Radiobiology and Radiohygiene "Frederic Joliot Curie (OSSKI)"
Anna Utca 5
1775 Budapest
Hungary
Tel: 3614822000
Fax: 3614822008
E-mail: elek.richard@osski.hu
- Language:** English
- Purpose:** The objective of the course will be familiarise participants (medical physicists), through lectures and hands on training, with dosimetry procedure to ensure that patient dose can be accurately assessed. It will tentatively include:
- Basic principles of patient dosimetry.
 - IAEA dosimetry code of practice in diagnostic radiology (TRS 457).
 - Patient dosimetry during radiography, fluoroscopy, CT, dental, etc.
 - Paediatric dosimetry.
 - DICOM info about dose.
 - Patient dose evaluation and management.
 - Establishment of DRLs.
 - Measurement uncertainties.
 - Population dose.

Expected Output(s):	Trained staff (medical physicists) on Radiation Dosimetry for Diagnostic radiology
Scope and Nature:	The course will consist of lectures on basics of imaging equipment, quality control and quality assurance procedures, practical exercises and class discussions.
Background Information:	<p>Although Diagnostic Radiology is well established throughout the Region, there is a significant shortage of Quality Assurance practices and medical physicists working in the field of Diagnostic Radiology.</p> <p>The main aim of RER6028 is to establish the proper basis for quality services in Diagnostic Radiology, through the education and training of the associated staff to QA/QC procedures.</p>
Participation:	The training course is open to participants from TCEU Member States participating in the project RER/6/028 on Establishing Quality Assurance/Quality Control in X Ray Diagnostics.
Participants' Qualifications:	<p>Noting that the scope of the project is related to clinical diagnostic radiology, and in line with the recommendations of the International Basic Safety Standards (par. 3.168), the participant should be a medical physicist currently working, or having been recruited to work, in a diagnostic radiology department. In case of lack of appropriate candidate, and after proper justification, a medical physicist working in radiotherapy or nuclear medicine, if there is clear intension to be utilized to initiate QA/QC and/or dosimetry mechanisms and procedures in diagnostic radiology. This course is not intended for participants working for regulatory authorities or as inspectors. As the workshop will be conducted in English, participants should have sufficient proficiency to deliver and follow lectures and express themselves in this language without difficulty.</p>
Nomination Procedure:	<p>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, Andrejs Salmins (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 15 August 2015.</p>
Administrative and Financial Arrangements:	<p>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.</p> <p>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 Budapest, Hungary and a stipend sufficient to cover the cost of</p>

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.