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International Atomic Energy Agency

Agence Internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

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2017-05-26

**Subject:** Invitation to a Regional Workshop on Justification and Appropriate Use of Imaging, Zagreb, Croatia, 26-28 October 2017

Dear National Liaison Officer,

I am pleased to invite you to send nominations of suitable candidates to participate in the above-mentioned workshop under the framework of TC Project RER/9/135 – Strengthening Radiation Protection of Patients and Medical Exposure Control. The purpose of the workshop 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 Zagreb, Croatia and provide Daily Subsistence Allowance (DSA) for the duration of the workshop 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 Meeting/Workshop available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/In-meetings-WS/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, Ms Sandra Marie Steyskal (IAEA Official Fax: +43-1-26007 or E-Mail [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org)), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than **15 July 2017**.

Yours sincerely,

Martin Krause

Director

Division for Europe

Department of Technical Cooperation

Enclosure: Prospectus

# International Atomic Energy Agency

## Regional Workshop on Justification and Appropriate Use of Imaging

### PROSPECTUS

- Project Number & Title:** RER/9/135: Strengthening Radiation Protection of Patients and Medical Exposure Control
- Place (City, Country):** Zagreb, Croatia
- Dates:** 26-28 October 2017
- Deadline for Nominations:** 15 July 2017
- Organizers:** The International Atomic Energy Agency (IAEA) in collaboration with the Government of the Republic Croatia. The workshop will be organized in cooperation with the World Health Organization and the European Society of Radiology.
- Host Country Organizer:** Mr Boris Brkljacic  
Vice-Dean, Professor of Radiology and Chair of Radiology Cathedra University of Zagreb School of Medicine  
Chairman, Department of Diagnostic and Interventional Radiology University Hospital "Dubrava"  
Avenija G.Šuška 6  
HR-10000 Zagreb  
Croatia
- Tel: +385-1-290-3669  
Fax: +385-1-290-3255  
E-Mail: boris.brkljacic@zg.htnet.hr
- Language:** English
- Purpose:** The workshop has the following objectives:
- 1) To identify issues related with unnecessary diagnostic imaging in the region and formulate measures to strengthen justification of radiological procedures, health screening programs, biomedical research programs, and justification of diagnostic imaging procedures for individual patients;
  - 2) To harmonize methodology for development of country-specific referral guidelines by national medical professional bodies and utilizing them through available electronic tools.
- Expected Output(s):** Plans for country-specific and joint regional actions for improving appropriate use of imaging and for developing professional standards and referral guidelines, and their utilization by the relevant national medical professional bodies and competent authorities will be developed.

<b>Scope and Nature:</b>	The workshop will consist of presentations by experts, presentations by the participants, interactive exercises, group discussions, and plenary discussions.
<b>Background Information:</b>	<p>The overall objective of the regional project RER/9/135 is to improve radiation protection of patients in compliance with requirements of the International Basic Safety Standards through the following sub-objectives: a) Justification and appropriate use of medical exposure; b) Optimisation of medical exposure in diagnostic and interventional radiology, nuclear medicine and radiotherapy; c) Implementation of the framework for radiation protection in medicine in hospitals in different Member States; and d) Improvement of the role of competent authorities in the implementation of proper medical exposure control.</p> <p>This workshop will contribute to the sub-objective a) Justification and appropriate use of medical exposure. Justification, which is a principle of radiation protection, is implemented more effectively as part of the medical process of determining the appropriateness of a radiological procedure. This is an evidence based process to choosing the best test for a given clinical scenario, with account taken of the diagnostic efficacy of the proposed procedure, as well as of alternative procedures that do not use ionizing radiation. This applies to procedures for symptomatic and asymptomatic individuals, as well as to the screening programs and biomedical research programs. Useful tools to support this decision making process include national or international referral guidelines developed by professional societies, and disseminated/ utilized through electronic request and clinical decision support tools or systems. This workshop aims to enhance utilization of clinical imaging guidelines regionally, through analysis, definition of a harmonized approach and country-specific action plan.</p>
<b>Participation:</b>	<p>The workshop is open to approximately 40 participants from Member States participating in the TC regional project RER/9/135. Each country can nominate two participants representing relevant bodies as stipulated below. The country team should be familiar with the current status, issues and plans, and be able to influence the implementation of the formulated measures for strengthening justification of medical imaging. The nomination should contain sufficient information to ascertain the nominees have the required qualifications.</p> <p>The workshop is open to all Member States participating in the TC Europe project RER/9/135. If more nominations are received, preference will be given to the active counterparts working on the relevant task in the country-specific action plan (task 6, <i>Supporting justification of medical exposure through awareness actions</i>).</p>
<b>Participants' Qualifications:</b>	<p>The first participant should be a radiologist, representing the national professional society of diagnostic imaging or having an advisory role at the national level, and should ideally be involved in developing/adapting clinical referral guidelines for imaging and tools for their utilisation.</p> <p>The second participant should represent the health authority, radiation protection authority, or other relevant competent authority with a decision-making role for approving new imaging methods/technology, screening programs, and standards for justified use of imaging methods with ionizing radiation.</p> <p>As the workshop will be conducted in English, participants should have sufficient proficiency to follow and express themselves in this language without difficulty.</p>
<b>Nomination Procedure:</b>	Please submit nominations to the IAEA online through the Technical Cooperation Department's InTouch system ( <a href="http://intouch.iaea.org">http://intouch.iaea.org</a> ). Only if this is not possible,

nominations may be submitted on the Nomination Form for Meeting/Workshop available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/In-meetings-WS/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, **Ms Sandra Marie Steyskal** (IAEA Official Fax: +43-1-26007 or E-Mail [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org)), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than **15 July 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 **Zagreb, Croatia**, and a Daily Subsistence Allowance (DSA) at the prevailing UN Rate. Shipment of accumulated workshop materials to the participants' home countries is not the responsibility of the IAEA.

The organizers of the workshop 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 workshop, 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.