



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  
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2016-12-06

**Subject:** Invitation to IAEA/ESTRO Regional Training Courses in 2017

Dear National Liaison Officer,

I am pleased to invite you to send nominations of suitable candidates to participate in the IAEA/ESTRO training courses to be held in 2017 under the framework of TC Project RER/6/033 – Strengthening Knowledge of Radiation Therapy Professionals (Radiation Oncologists, Medical Physicists and Radiation Therapy Technologists). The training courses and related information are outlined in the attached table. Kindly note that IAEA supports are subject to the completion of the IAEA/ESTRO 2017 Agreement.

For candidates who are selected by the IAEA, the Agency will cover the cost of return international travel from the home country to the course venue, and provide a stipend for the duration of the training course in line with Agency 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 these projects, Ms Mayumi Yamamoto (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.

Yours sincerely,

Martin Krause  
Director  
Division for Europe  
Department of Technical Cooperation

Enclosure: Table of Courses

## Schedule of IAEA/ESTRO Courses in 2017 under the Regional TC Project RER/6/033

Title IAEA/ESTRO Training Course on:	Location	Course Dates 2017	Nomination Deadline 2017	Selection Criteria
Dose Modelling Verification for External Beam Radiotherapy	Warsaw Poland	2-6 April 2017	1 February 2017	The IAEA will support medical physicists working in the treatment planning area. The participants should have minimum two years of practical experience in radiotherapy physics using treatment planning systems. A good medical physics background is required. Before commencing this course the participants should preferably have attended the ESTRO course 'Physics for Modern Radiotherapy' or equivalent
IMRT and Other Conformal Techniques in Practice	Madrid Spain	9-13 April 2017	10 February 2017	The IAEA will support radiation oncologists (or last year residents in radiation oncology) and RTTs involved in the implementation and clinical use of advanced techniques in their department. Basic knowledge of radiation oncology is a prerequisite; experience in CT-based treatment planning is required. Simultaneous participation of a clinician and a RTT from the same institute is encouraged.
Physics for Modern Radiotherapy (Joint Course for Clinicians and Physicists)	Bucharest Romania	4-8 June 2017	1 April 2017	The IAEA will support trainees in radiation oncology and radiation physics, and radiation oncologists and medical physicists early in their career, as well as RTTs and dosimetrists. The course may also be useful for: - Clinicians and physicists who are eager to update their knowledge on physics and technical aspects of radiotherapy after a period of relative lack of access to education on modern technology and techniques. - Dosimetrists and radiation therapists (RTTs) having a strong interest in the application of physics and technology in radiotherapy - PhD students in radiation therapy or physics, as this course can broaden their knowledge.

<p>Advanced Treatment Planning</p>	<p>Barcelona Spain</p>	<p>3-7 September 2017</p>	<p>1 July 2017</p>	<p>The IAEA will support medical physicists involved in advanced treatment planning in daily routine, with at least two years of professional experience in a radiotherapy department. Before commencing this course participants should understand the ICRU definitions of GTV, CTV and PTV, and understand the relationship between the target dose and organs at risk.</p>
<p>Comprehensive Quality Management in Radiotherapy - Quality Assessment and Improvement</p>	<p>Brussels Belgium</p>	<p>2-5 October 2017</p>	<p>1 July 2017</p>	<p>The IAEA will support radiation oncologists and radiation therapists (RTTs) who are involved in development and implementation of quality management systems in their respective RT department. Candidates should have at least five years' experience in a radiation oncology department in order to have a complete picture of the radiotherapy process.</p>
<p>Best Practice in Radiation Oncology - Train the RTT (Radiation Therapists) Trainers, phase II (TTT cycle 2016-2017)</p>	<p>Vienna Austria</p>	<p>16-18 October 2017</p>	<p>31 July 2017</p>	<p>This is a follow-up course of the TTT cycle that started in 2016. The IAEA will support the same teams of professionals, who attended the first event in 2016. Participants should represent or collaborate with the academic and clinical staff and the radiotherapy representative of their national society (if present in the country). Participants must be familiar with the current national education programme for radiation therapists (RTTs). Participants will report on the training courses organized by them after the phase event of the TTT in October 2016. Participants should commit to:</p> <ul style="list-style-type: none"> <li>• Initiate liaison with the national education provider and prepare appropriate documentation</li> <li>• Attend and evaluate the two face to face courses and maintain communication with the faculty in the interim period</li> <li>• Design, deliver, evaluate and provide feedback on a series of educational initiatives over a three year period.</li> </ul>