



IAEA

Atoms for Peace and Development

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

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

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

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

National Liaison Officer/National Coordinator

In reply please refer to: **SP-RER6036- EVT2102457**

Dial directly to extension: (+43 1) 2600-25987

2021-07-08

Subject: Virtual Event - Inholland Academy's VMAT Treatment Planning Online Course, from 3 September to 31 January 2022

Dear National Liaison Officer/National Coordinator,

I am pleased to invite you to send nominations of suitable candidates to participate in the Virtual Event - Inholland Academy's VMAT Treatment Planning Online Course within the framework of the IAEA technical cooperation project RER6036, "Improving Radiotherapy Practices for Advanced Radiotherapy Technologies Including Quality Assurance and Quality Control".

The purpose of the event is to train medical physicists (MPs) and radiation therapists (RTTs) on the Treatment Planning (TP) for Intensity-Modulated Radiation Therapy (IMRT), Volumetric Modulated Arc Therapy (VMAT) and Stereotactic Ablative Radiotherapy (SABR).

The course is primarily aimed at MPs and RTTs directly involved in external beam radiotherapy treatment planning with minimum 2 years of clinical experience and at least some experience in IMRT treatment planning and who want to expand their knowledge and skills.

The participants perform the treatment planning tasks on their own Treatment Planning System of their department. Therefore, they need to have access to it.

During this five-month course the participant will acquire comprehensive knowledge and skills in the field of Treatment Planning (TP) for Intensity-Modulated Radiation Therapy (IMRT), Volumetric Modulated Arc Therapy (VMAT) and Stereotactic Ablative Radiotherapy (SABR).

Interactive teaching sessions, focused on situations encountered in clinical practice, are an important component of the course.

In the first part of the course the student performs four treatment planning exercises. In addition, participants are also required to work on a detailed case study, which forms part of the course assessment. During the online group sessions participants present the results of their (treatment planning) tasks and each presentation is followed by a discussion period. In the second part of the module the skills of the participants are deepened by another four patient cases that are more complex and depending on the skills of the participant he can select for each tumorsite a treatment planning task

that matches best to his skills. In this second part the participants are challenged to explore the potential of their treatment planning systems. In the last part of the module participants complete their case study and perform one complex treatment planning case.

Zoom is used for the online sessions.

Selection of participants will be in accordance with IAEA procedures. Member States are strongly encouraged to identify suitable women participants.

For participants who indicate their need, the IAEA could provide financial support to contribute to the expenses of their costs for internet connection for the duration of the event in line with the IAEA rules and procedures.

We would appreciate receiving your country's nominations by **1 August 2021** through the IAEA's InTouch+ platform (<https://Intouchplus.iaea.org>). Should this not be possible, applicants may download the Nomination Form for the course from the [IAEA's webpage](#). Completed forms must be endorsed by the relevant government authority and may be sent to the IAEA, preferably by email to Official Mail - IAEA Mail address Official.Mail@iaea.org, with copy to Ms Mayumi Yamamoto, M.Yamamoto@iaea.org. Please be advised that late nominations or replacements of participants after the closing date for nominations will not be accepted.

We look forward to receiving your early response.

Yours sincerely,



Mayumi Yamamoto
Programme Management Officer
Division for Europe
Department of Technical Cooperation