



**IAEA**

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الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

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National Liaison Officer/National Coordinator

In reply please refer to: **SP-RER6040-EVT2404454**

Dial directly to extension: (+43 1) 2600-26306

2024-07-11

**Subject: Virtual Event - Inholland Academy's VMAT Treatment Planning Course, from 30 August 2024 – 28 February 2025**

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 Course within the framework of the IAEA technical cooperation project RER6040, "Enhancing Radiotherapy Delivery Through Improved Use of Advanced Dosimetry and Radiotherapy Techniques".

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

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

The IAEA will cover the course fee for selected participants.

We would appreciate receiving your country's nominations by **30 July 2024** 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](mailto:Official.Mail@iaea.org), with copy to Ms Mayumi Yamamoto, [M.Yamamoto@iaea.org](mailto:M.Yamamoto@iaea.org), and Ms Angie Mieses, [a.mieses-concepcion@iaea.org](mailto:a.mieses-concepcion@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

Enclosure: Course Information



**Inholland Academy's VMAT Treatment Planning Course in 2024**

**supported under the Regional TC Project RER/6/040**

**“Enhancing Radiotherapy Delivery Through Improved Use of Advanced Dosimetry and Radiotherapy Techniques”**

<b>Event Number</b>	SP-RER6040- EVT2404454
<b>Event Title</b>	Virtual Event - Inholland Academy's VMAT Treatment Planning Course
<b>Location</b>	Online
<b>Date</b>	30 August 2024 – 28 FEB 2025, approx. 280 hours, 6 months
<b>Nomination Deadline</b>	30 July 2024
<b>Course Information</b>	<p>During this six-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).</p> <p>Interactive teaching sessions, focused on situations encountered in clinical practice, are an important component of the course.</p> <p>In the first part of the module, 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.</p> <p>In the second part of the module, the skills of the participants are deepened by five patient cases that are more complex: for instance, more dose levels, hypofractionated dose schemes. In this second part, the participants are challenged to explore the potential of their treatment planning systems. During the second part participants complete their case study paper and the second part of the assessment, a portfolio of all the performed tasks and some clinical work.</p> <p>Microsoft Teams is used for the online sessions.</p>
<b>Course Director</b>	<p>Mr. Jelle Scheurleer</p> <p>Inholland University          Bijdorplan 15          2003 RN HAARLEM          NETHERLANDS          Email: Jelle.Scheurleer@inholland.nl</p>

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<b>Selection Criteria</b>	<p>The course is primarily aimed at medical physicists and radiation therapy technologists 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 students should be employed in a radiotherapy department, where the department treats or is about to start treating patients with IMRT, VMAT or SABR.</p> <p>The participants perform the treatment planning tasks on their own Treatment Planning System of their department. Therefore, they need to have access to it.</p>