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International Atomic Energy Agency

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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>

In reply please refer to: SP-RER6040- EVT2204361

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

National Liaison Officer/National Coordinator

2022-06-20

Subject: Virtual Event - Inholland Academy's VMAT Treatment Planning Online Course, from 1 September 2022 to 10 February 2023

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 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 **11 July 2022** 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

Enclosure: Course Information



Inholland Academy's VMAT Treatment Planning Online Course in 2022

supported under the Regional TC Project RER/6/040

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

Event Number	SP-RER6040- EVT2204361
Event Title	Virtual Event - Inholland Academy's VMAT Treatment Planning Online Course
Location	Online course
Date	01 SEPT 2022 – 10 FEB 2023, approx. 12 online sessions
Nomination Deadline	11 July 2022
Course Information	<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 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.</p> <p>Zoom is used for the online sessions.</p>
Course Director	Mr. Jelle Scheurleer Inholland University Bijdorplaan 15 2003 RN HAARLEM NETHERLANDS Email: Jelle.Scheurleer@inholland.nl Tel.: +31-615 279 629

Selection Criteria	<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.</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>
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