NEW! ADVANCED SKILLS FOR TREATMENT DELIVERY
09-12 February 2014
Amsterdam, the Netherlands

NEW! MULTIDISCIPLINARY TEACHING COURSE ON PROSTATE CANCER
23-27 February 2014
Amsterdam, the Netherlands

NEW! CLINICAL PARTICLE THERAPY
23-27 February 2014 | Nice, France

NEW! UNDERSTANDING AND MANAGEMENT OF MORBIDITY
Postponed to 2015

NEW! ADVANCED TECHNOLOGIES
07-11 March 2014 | Amman, Jordan

NEW! MODERN BRACHYTHERAPY TECHNIQUES
09-12 March 2014 | Galati, Poland

NEW! DOSE MODELLING AND VERIFICATION FOR EXTERNAL BEAM RADIOTHERAPY
09-13 March 2014 | Prague, Czech Republic

NEW! ESTRO PRE-MEETING COURSES
04 April 2014 | Vienna, Austria

NEW! PHYSICS FOR MODERN RADIOTHERAPY
A JOINT COURSE FOR CLINICIANS AND PHYSICISTS
04-08 May 2014 | Madrid, Spain

NEW! EANM/ESTRO EDUCATIONAL SEMINAR
POSITRON EMISSION TOMOGRAPHY (PET) IN RADIATION ONCOLOGY
30-31 May 2014 | Brussels, Belgium

NEW! IMRT AND OTHER CONFORMAL TECHNIQUES IN PRACTICE
06-12 June 2014 | Torino, Italy

NEW! COMBINED DRUG-RADIATION TREATMENT: BIOLOGICAL BASIS, CURRENT APPLICATIONS AND PERSPECTIVES
09-12 June 2014 | St. Petersburg, Russia

NEW! BRACHYTHERAPY FOR PROSTATE CANCER
06-21 June 2014
Dublin, Republic of Ireland

NEW! COMPREHENSIVE QUALITY MANAGEMENT IN RADIOTHERAPY: PART II - RISK MANAGEMENT & PATIENT SAFETY
20-29 June 2014 | Poznan, Poland

NEW! BIOLOGICAL BASIS OF PERSONALISED RADIATION ONCOLOGY
20 June - 02 July 2014 | Brussels, Belgium

NEW! MULTIDISCIPLINARY MANAGEMENT OF HEAD AND NECK ONCOLOGY
20 June - 02 July 2014 | Athens, Greece

NEW! ACCELERATED PARTIAL BREAST IRRADIATION
06-09 September 2014 | Barcelona, Spain

NEW! CLINICAL PRACTICE AND IMPLEMENTATION OF IMAGE-GUIDED STEREOTACTIC BODY RADIOTHERAPY
07-11 September 2014 | Florence, Italy

NEW! IMAGING COURSE FOR PHYSICISTS
16-20 September 2014 | Porto, Portugal

NEW! BASIC TREATMENT PLANNING BACK TO BACK WITH ADVANCED TREATMENT PLANNING
16-20 September 2014 | Budapest, Hungary

NEW! ADVANCED TREATMENT PLANNING BACK TO BACK WITH BASIC TREATMENT PLANNING
23-25 September 2014 | Budapest, Hungary

NEW! IMAGE-GUIDED RADIOTHERAPY AND CHEMOTHERAPY IN GYNAECOLOGICAL CANCER – FOCUS ON ADAPTIVE BRACHYTHERAPY
28 September - 02 October 2014
Florence, Italy

NEW! EVIDENCE-BASED RADIATION ONCOLOGY: A CLINICAL REFRESHER COURSE WITH A METHODOLOGICAL BASIS
03-10 October 2014 | Vienna, Austria

NEW! ADVANCED TECHNOLOGIES
19-23 October 2014 | Chennai, India

NEW! BEST PRACTICE IN RADIATION ONCOLOGY - A WORKSHOP TO TRAIN RTT TRAINERS IN COLLABORATION WITH THE IAEA PART I - TRAIN THE RTT TRAINERS
20-24 October 2014 | Vienna, Austria

NEW! COMBINED DRUG-RADIATION TREATMENT: BIOLOGICAL BASIS, CURRENT APPLICATIONS AND PERSPECTIVES
02-05 November 2014
Vagianava, Indonesia

NEW! ESOR/ESTRO COURSE: MULTIDISCIPLINARY APPROACH OF CANCER IMAGING
06-08 November 2014
Maastricht, the Netherlands

NEW! 3RD MASTERCLASS IN RADIATION ONCOLOGY
09-12 November 2014 | Lisbon, Portugal

NEW! TARGET VOLUME DETERMINATION - FROM IMAGING TO MARGINS
03-15 November 2014 | Vienna, Austria

NEW! MULTIDISCIPLINARY TEACHING COURSE ON LUNG CANCER
28-30 November 2014 | Guangzhou, China

NEW! IMAGE-GUIDED RADIOTHERAPY IN CLINICAL PRACTICE
30 November - 04 December 2014
Brussels, Belgium

NEW! QUANTITATIVE METHODS IN RADIATION ONCOLOGY: MODELS, TRIALS AND CLINICAL OUTCOMES
07-10 December 2014 | Vienna, Austria
COURSE DIRECTORS
Coen Rasch (NL)
Marianne Astar (DK)

TEACHERS
Gilles Crehange (FR)
Rianne de Jong (NL)
Matthias Guckenberger (DE)
Helen McNair (UK)
Uwe Oellke (UK)
Jan-Jan Sonke (NL)
Marcel van Herk (NL)
Dirk Verellen (BE)

LOCAL ORGANISER
Dirk Verellen (BE)

PROJECT MANAGER
Laura La Porta

COURSE AIM
The course is aimed at all professionals in the field of radiation oncology that are involved in target localisation at any point in the treatment chain, this includes radiation oncologists, radiation physicists, and radiation technologists. A good understanding of issues related to target delineation, target localisation and patient set-up is a prerequisite as well as some experience in the field. As the emphasis will be on integration of IGRT techniques and practical implementation, the “team effort” is important and simultaneous participation of physicists, radiation oncologists and radiation technologists is strongly encouraged.

EDUCATIONAL PROGRAMME
This is a 5-day course organized to identify the influence of image guidance at important steps in the workflow of radiation therapy. The following items will be covered in view of in-room imaging for therapy guidance:

- Image guidance required for treatment prescription
- Image guidance in treatment preparation and treatment planning
- Image guidance in patient set-up and target localisation during treatment
- Image guidance in treatment follow-up

On Sunday 30 November, site visits are planned to provide the participants with hands-on experience including different commercially available systems. Because no patients are treated on Sunday, practical hands-on will be emphasized. When registering for the course, details on hosting sites will be available online and during the registration process you will be asked to indicate your preference in order to enable the organisation of the visits. For practical reasons and ensuring interactivity, the group sizes are restricted to about 40 participants per site (the availability of the hands-on venue depends on a first-come, first-serve basis).

WORKING SCHEDULE
The course starts on Sunday the 30th of November 2014 at 09:00 and ends on Thursday the 4th of December 2014 at 12:30. To be able to start on time, participants are encouraged to register on Saturday the 29th of November from 17:00 onwards.

LANGUAGE
The course is conducted in English. No simultaneous translation will be provided.

TARGET GROUP
To cover both theoretical and practical aspects related to the clinical implementation of in-room imaging in radiotherapy

To review imaging techniques that can be applied in the workflow of conformal radiotherapy and understand how individual links in the chain of events will influence clinical outcome (from treatment prescription to preparation & planning, to patient setup & verification and finally follow-up).

To identify potential sources of errors in target delineation/ localisation and how IGRT can be of help, with special emphasis on conformal radiotherapy, intensity modulated radiotherapy and management of organ motion.

To understand the concept “target delineation – target localisation” at each particular step in the treatment chain and identify appropriate techniques to increase both efficiency as well as efficacy.

To offer an overview of available technologies and how to integrate these in clinical practice.

To compare available technologies and help define applicability for particular use.

To understand the functionality of the equipment and technology, and identify limitations of a particular method.

To learn establishing an efficient image-guided workflow through optimal integration of available technologies and understand the importance of teamwork and training.

QA of IGRT systems

PRACTICAL ORGANISATION

COURSE ORGANISATION
For any further information please contact ESTRO:
Laura La Porta
laporta@estro.org
+32 2 761 06 54
+32 2 779 54 94

COURSE VENUE
THON Hotel
Avenue du Boulevard 17
1210 Brussels

LOCAL ORGANISER
Dirk Verellen, UZ Brussels (VUB), Brussels
verellen@uzbrussel.be

TECHNICAL EXHIBITION
Companies interested in exhibition opportunities during this teaching course should contact:
Laura La Porta, Project Manager
laporta@estro.org
+32 2 761 06 54
+32 2 779 54 94

ACCOMMODATION
To book your room, please download the accommodation form from the ESTRO website: www.estro.org/school

REGISTRATION FEES

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<thead>
<tr>
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<th>UP TO 01/09/14</th>
<th>AFTER 01/09/14</th>
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<tbody>
<tr>
<td>In-training members*</td>
<td>450 €</td>
<td>625 €</td>
</tr>
<tr>
<td>Members</td>
<td>600 €</td>
<td>725 €</td>
</tr>
<tr>
<td>Non members</td>
<td>750 €</td>
<td>850 €</td>
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</tbody>
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* RTT members are eligible for the in training fee

The fee includes the course material, coffees, lunches, and the social event.

REDUCED FEES
are available for ESTRO members working in economically less competitive countries. Check the eligible countries and the selection criteria on the website of the ESTRO School.

ESTRO GOES GREEN - Please note that the course material is now distributed onsite on a USB key. No printed course book will be provided during the courses.

ADVANCE REGISTRATION AND PAYMENT ARE REQUIRED. ON-SITE REGISTRATION WILL NOT BE AVAILABLE.

Since the number of participants is limited, late registrants are advised to contact the ESTRO office before payment, to inquire about availability of places. Access to homework and/or course material will become available upon receipt of full payment.

INSURANCE AND CANCELLATION
The organiser does not accept liability for individual medical, travel or personal insurance. Participants are strongly advised to take out their own personal insurance policies.

In case an unforeseen event would force ESTRO to cancel the course, the Society will reimburse the full registration fees to the participants. ESTRO will not be responsible for the refund of travel and accommodation costs.

In case of cancellation, full refund of the registration fee minus 15% for administrative costs may be obtained up to three months before the course and 50% of the fee up to one month before the course. No refund will be made if the cancellation request is postmarked less than one month before the start of the course.

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