

# TEACHING COURSE 2011

WWW.ESTRO-EDUCATION.ORG

COURSE DIRECTOR  
M. Broderick

TEACHERS  
M. Broderick (IE)  
M. Coffey (IE)  
C. Gilham (IE)  
B. Kristensen (DK)  
D. Sjöström (DK)  
P. Thirion (IE)  
G. Vandeveld (BE)

GUEST LECTURER  
D. Hollywood

LOCAL ORGANISER  
M. Coffey

COURSE COORDINATOR  
Viviane Van Egten



## TEACHING COURSE ON RADIOTHERAPY TREATMENT PLANNING PRINCIPLES & PRACTICE

11-15 April, 2011 • Dublin, Ireland

ESTRO  
school

30 JANUARY • 2 FEBRUARY  
From 2D to 3D radiotherapy  
BOGOTÁ, COLOMBIA

5-6 FEBRUARY  
ESTRO/EANM Educational seminar  
on PET in radiation oncology  
BRUSSELS, BELGIUM

6-10 FEBRUARY  
Multidisciplinary teaching course  
on prostate cancer  
LISBON, PORTUGAL

5-8 MARCH  
AROP-ESTRO teaching course on  
Modern treatment of cervical cancer  
with a special focus on 3D image-  
based brachytherapy  
CHANDIGARH, INDIA

6-10 MARCH **NEW!**  
Advanced treatment planning  
GENOA, ITALY

25-28 MARCH  
Combined drug-radiation treatment:  
biological basis, current applications  
and perspectives  
PRAGUE, CZECH REPUBLIC

27-30 MARCH  
Modern brachytherapy techniques  
LJUBLJANA, SLOVENIA

27-31 MARCH  
Dose modelling and verification  
for external beam radiotherapy  
ATHENS, GREECE

2-5 APRIL  
Multidisciplinary management of  
breast cancer  
LUGANO, SWITZERLAND

11-15 APRIL  
Radiotherapy treatment planning,  
principles and practice  
DUBLIN, IRELAND

1-5 MAY  
Basic clinical radiobiology  
NIJMEGEN, THE NETHERLANDS

8 MAY  
Pre-conference courses at ESTRO  
Anniversary  
LONDON, UNITED KINGDOM

22-26 MAY  
Physics for clinical radiotherapy  
CHENGDU, CHINA

12-15 JUNE **NEW FORMAT!**  
Advanced teaching course on rectal  
cancer  
LEEDS, UNITED KINGDOM

12-16 JUNE  
Imaging and target volume  
determination in radiotherapy  
LONDON, UNITED KINGDOM

19-23 JUNE  
IMRT and other conformal techniques  
in practice  
RENNES, FRANCE

26-28 JUNE  
Brachytherapy for prostate cancer  
POZNAN, POLAND

28 JUNE • 3 JULY  
Evidence-based radiation oncology:  
a clinical refresher course with a  
methodological basis  
ST PETERSBURG, RUSSIA

30 JUNE • 2 JULY  
Multidisciplinary management of  
head and neck oncology  
ISTANBUL, TURKEY

6-10 SEPTEMBER  
Image-guided radiotherapy and che-  
motherapy in gynaecological cancer  
- focus on adaptive brachytherapy  
IZMIR, TURKEY

11-15 SEPTEMBER  
Radiotherapy with protons and ions  
PARIS, FRANCE

18-22 SEPTEMBER  
Advanced imaging course for physicists  
BUDAPEST, HUNGARY

3-5 OCTOBER  
Best practice in radiation oncology.  
A workshop to train RTT trainees  
VIENNA, AUSTRIA

9-14 OCTOBER  
Evidence-based radiation oncology:  
a clinical refresher course with a  
methodological basis  
TOLEDO, SPAIN

16-20 OCTOBER  
Physics for clinical radiotherapy  
PORTO, PORTUGAL

16-20 OCTOBER  
Imaging and target volume  
determination in radiotherapy  
CAIRO, EGYPT

6-10 NOVEMBER  
Image-guided radiotherapy in clinical  
practice  
AMSTERDAM, THE NETHERLANDS

19-20 NOVEMBER  
EANM/ESTRO Educational seminar  
on PET in radiation oncology  
VIENNA, AUSTRIA

24-26 NOVEMBER  
Multidisciplinary teaching course  
on lung cancer  
MALAGA, SPAIN

1-3 DECEMBER  
Paediatric radiation oncology  
BRUSSELS, BELGIUM

4-6 DECEMBER **NEW!**  
Modelling  
FLORENCE, ITALY

4-8 DECEMBER  
Advanced technologies  
SINGAPORE, REPUBLIC OF SINGAPORE

**INTERNATIONAL COURSE** **NEW! NEW COURSE**  
Molecular oncology for the radiation oncologist  
will be organised again in 2012

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TREATMENT PLANNING PRINCIPLES & PRACTICE

11 - 15 April, 2011 • Dublin, Ireland

ESTRO  
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## TEACHING COURSE ON RADIOTHERAPY TREATMENT PLANNING PRINCIPLES &amp; PRACTICE

11 - 15 April, 2011 • Dublin, Ireland

## COURSE AIM

The course consists of didactic lectures, interactive sessions and practical treatment planning sessions. Introductory lectures will be given on each site and participants will then discuss, plan and review practical clinical scenarios. On the designated sites participants will complete a range of 3D plans for presentation and discussion. This will facilitate a greater depth of understanding of both the planning and evaluation processes. Participants will be asked to provide details of clinical treatment planning scenarios from their individual departments as part of the interactive approach.

- To provide continuing education in practical treatment planning, for designated sites, as an integral part of the pre-treatment preparation of patients.
- To learn the basic computer planning methodology, the principles of simulation and immobilization, the tools necessary for plan evaluation and quality assurance tests needed to assure the accuracy and reproducibility of the planning process.
- To give the participants the opportunity to gain practical experience of producing and evaluating treatment plans using a 3D computer planning system under the guidance of the faculty.

## TARGET GROUP

This is a basic, introductory course in treatment planning. The course is aimed primarily at radiation therapy technologists with no prior experience of treatment planning. However, junior physicists and trainee radiation oncologists with no experience in treatment planning would also benefit from this basic course.

## EDUCATIONAL PROGRAMME

- Introduction to Treatment Planning Process,
- Volume, dose and radiobiological considerations in Treatment Planning,
- The process of treatment plan evaluation including the tools available,
- Imaging and verification in planning process,
- Practical Laboratory planning sessions on designated sites.

## WORKING SCHEDULE

The course starts on Monday 11<sup>th</sup> April 2011 at 09.00 and ends on Friday 15<sup>th</sup> April 2011 around noon.

To be able to start in time, participants are encouraged to register on Sunday 10<sup>th</sup> April from 17:00 to 19:00.

## LANGUAGE

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

## PRACTICAL ORGANISATION

## Course organisation

For any further information please contact ESTRO:  
E-mail: [viviane.vanegten@estro.org](mailto:viviane.vanegten@estro.org)  
Fax: +32 2 779 54 94

## Course venue

TCD Division of Radiation Therapy  
St James's Hospital Campus  
The Trinity Centre for Health Sciences  
Dublin 8  
Ireland

## Local organiser

Mary Coffey  
Tel: + 353.1.896.3248  
E-mail: [mcoffey@tcd.ie](mailto:mcoffey@tcd.ie)

## Accommodation

To book your room, please download the accommodation form from the ESTRO website.

PARTICIPANTS SHOULD REGISTER ONLINE AT:  
[WWW.ESTRO.ORG](http://WWW.ESTRO.ORG) > EDUCATION

These pages offer the guarantee of secured online payments. The system will seamlessly redirect you to the secured website of OGONE (see [www.ogone.be](http://www.ogone.be) for more details) to settle your registration fee.

If online registration is not possible please contact us:

**ESTRO OFFICE**  
Avenue E. Mounierlaan 83/12 • B-1200 Brussels  
Tel.: +32 2 775 93 39 • Fax: +32 2 779 54 94  
E-mail: [lee.dick@estro.org](mailto:lee.dick@estro.org)

## REGISTRATION FEES

	Up to 11/01/11 Inclusive	After 11/01/11
Technologist members	450 €	625 €
Junior members	450 €	625 €
Members	600 €	725 €
Non members	750 €	850 €

The fee includes a course book, coffees and lunches, a welcome reception and social dinner.

**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 course material will become available upon receipt of full payment.

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.