

ESTRO SCHOOL OF RADIOTHERAPY & ONCOLOGY

2-6 FEBRUARY

Multidisciplinary teaching course on prostate cancer
Madrid, Spain

8-9 FEBRUARY

ESTRO/EANM educational seminar on PET in Radiation Oncology
Brussels, Belgium

10-14 MARCH

Dose modelling and verification for external beam radiotherapy
Florence, Italy

10-14 MARCH

Radiotherapy with protons and ions
Pavia, Italy

17-21 MARCH

Physics for clinical radiotherapy
Izmir, Turkey

21-24 MARCH

Evidence and new challenges in rectal cancer
Istanbul, Turkey

24-27 MARCH

Modern brachytherapy techniques
Athens, Greece

7-11 APRIL

Evidence-based radiation oncology: a clinical refresher course with a methodological basis
Beijing, China

19 APRIL

Pre-meeting courses at 2nd ESTRO Forum
Geneva, Switzerland

5-9 MAY

Basic clinical radiobiology
Poznan, Poland

11-14 MAY

Multidisciplinary management of breast cancer
Prague, Czech Republic

24-27 MAY

Combined drug-radiation treatment: biological basis, current applications and perspectives
Porto, Portugal

26-30 MAY

IMRT and other conformal techniques in practice
Stockholm, Sweden

6-8 JUNE

Multidisciplinary teaching course on lung cancer
Krakow, Poland

6-8 JUNE

Brachytherapy for prostate cancer
Cologne, Germany

9-13 JUNE

Target volume determination - from imaging to margins
Ljubljana, Slovenia

30 JUNE - 3 JULY

Multidisciplinary management of head and neck oncology
Budapest, Hungary

30 JUNE - 4 JULY

Image-guided radiotherapy and chemotherapy in gynaecological cancer - focus on adaptive brachytherapy
Moscow, Russian Federation

5-9 SEPTEMBER

Advanced technologies
Amman, Jordan

8-12 SEPTEMBER

Clinical practice and implementation of image-guided stereotactic body radiotherapy
Lille, France

8-12 SEPTEMBER

Image-guided radiotherapy and chemotherapy in gynaecological cancer - focus on adaptive brachytherapy
Barcelona, Spain

8-12 SEPTEMBER

Advanced imaging course for physicists
Vienna, Austria

8-12 SEPTEMBER

Advanced treatment planning
Utrecht, the Netherlands

13-17 SEPTEMBER

Basic treatment planning
Utrecht, the Netherlands

13-16 OCTOBER

Quantitative methods in radiation oncology: models, trials and clinical outcomes
Cambridge, United Kingdom

20-23 OCTOBER

Target volume determination - from imaging to margins
Bangkok, Thailand

20-24 OCTOBER

Image-guided radiotherapy in clinical practice
London, United Kingdom

27-30 OCTOBER

Multidisciplinary management of head and neck oncology
Indore, India

28-30 OCTOBER

Best practice in radiation oncology - A four phase project to train RTT Trainers - In collaboration with the IAEA Part II - Train the RTT (Radiation Therapists) trainers - consolidation phase
Vienna, Austria

7-9 NOVEMBER

ESOR/ESTRO course
Multidisciplinary approach of cancer imaging
Rome, Italy

9-12 NOVEMBER

Comprehensive quality management in radiotherapy Part II Quality assessment and improvement
Prague, Czech Republic

17-19 NOVEMBER

Multidisciplinary management of central nervous system tumours
Brussels, Belgium

22-23 NOVEMBER

EANM/ESTRO educational seminar on PET in Radiation Oncology
Vienna, Austria

23-26 NOVEMBER

Basic clinical radiobiology
Sydney, Australia

5-7 DECEMBER

Paediatric radiation oncology
Brussels, Belgium



COURSE DIRECTOR
Uulke van der Heide (NL)

TEACHERS
Piet Dirix (BE)
Koos Geleijns (NL)
Gary Liney (UK)
Cynthia Ménard (CAN)
Tufve Nyholm (SE)
Dag Rune Olsen (NO)
Daniela Thorwarth (DE)

LOCAL ORGANISER
Georg Dietmar

PROJECT MANAGER
Gabriella Axelsson

ADVANCED IMAGING COURSE FOR PHYSICISTS

8-12 September 2013 |
Vienna, Austria



COURSE AIM

- Improve the understanding of the physics principles of MRI, PET and CT
- Understand the key technical challenges and solutions unique to the application of MRI, PET and advanced CT in radiotherapy
- Explore potential applications of these imaging modalities in clinical practice
- Understand the potential and challenges of biological imaging methods in radiotherapy treatment planning and follow-up

TARGET GROUP

The course is aimed at trainees in radiotherapy physics, researchers as well as more experienced radiotherapy physicists with an interest in the application of advanced imaging techniques in their radiotherapy practice.

EDUCATIONAL PROGRAMME

- Basic principles of MRI physics
- Fast scanning techniques and volume sequences on MRI
- MRI equipment
- Geometrical integrity of MR images
- Physics aspects of MRI-guided interventions
- Physics of 4D CT
- Physics of cone-beam CT
- PET image reconstruction, SUV thresholding
- The use of PET tracers other than FDG
- Physics principles of advanced functional MRI techniques
- Clinical application in radiotherapy for cancers in brain, head-neck, pelvis (cervix, prostate)

WORKING SCHEDULE

The course starts on Sunday 8th September 2013 at 09:00 and ends on Thursday 12th September 2013 at 13:00.

To be able to start on time, participants are encouraged to register on Saturday 7th from 17:00 – 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:

Gabriella Axelsson

✉ gaxelsson@estro.org

☎ +32 2 761 06 51

☎ +32 2 779 54 94

COURSE VENUE

Vienna University

Spitalgasse 2

1090 Vienna

Austria

campus.univie.ac.at

LOCAL ORGANISER

Georg Dietmar

Medical University Vienna

✉ Dietmar.Georg@akhwien.at

TECHNICAL EXHIBITION

Companies interested in exhibition opportunities during this teaching course should contact:

Gabriella Axelsson

Project Manager

✉ gaxelsson@estro.org

☎ +32 2 761 06 51

☎ +32 2 779 54 94

ACCOMMODATION

To book your room, please download the accommodation form from the ESTRO website:
www.estro-education.org

PARTICIPANTS SHOULD REGISTER ONLINE AT:
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 for more details) to settle your registration fee.

If online registration is not possible please contact us:

ESTRO OFFICE

Rue Martin V, 40 | B-1200 Brussels

☎ +32 2 775 93 39 | ☎ +32 2 779 54 94

✉ education@estro.org

REGISTRATION FEES

	UP TO 08/06/13 INCLUSIVE	AFTER 08/06/13
In-training members*	450 €	625 €
Members	600 €	725 €
Non members	750 €	850 €

* 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 meeting, the Society will reimburse the participants the registration fee minus 15% for handling charges. 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 post-marked less than one month before the start of the course.