

FACULTY & SPEAKERS

Course director

Ben Heijmen, Physicist, Erasmus Medical Center, Rotterdam (NL)

Teachers

- Claudio Fiorino, Physicist, Fondazione San Raffaele, Milan (IT)
- Mischa Hoogeman, Physicist, Erasmus Medical Center, Rotterdam (NL)
- Stine Korreman, Physicist, Roskilde University, Roskilde (DK)
- Eirik Malinen, Physicist, DNR - Norwegian Radium Hospital, Oslo (NO)
- Uwe Oelfke, Physicist, The Royal Marsden NHS Foundation Trust, London (UK)
- Hugo Palmans, Physicist, National Physical Laboratory, Teddington (UK)
- Dirk de Ruyscher, Radiation Oncologist, University Hospital Leuven/ KU Leuven (BE)
- Kari Tanderup, Physicist, Aarhus University, Aarhus (DK)
- Uulke van der Heide, Physicist, The Netherlands Cancer Institute Amsterdam (NL)
- Peter van Luijk, Physicist, University Medical Center Groningen, (NL)

Guest teacher

Oliver Jäkel, Physicist, German Cancer Research Center, Heidelberg University (DE)

Course manager

Laura La Porta, ESTRO, Brussels (BE)

KEY FACTS

Dates

3 - 6 September 2015

Venue

Hotel Century Old |Town
Na Porici 7, Praha 1
Prague, Czech Republic
Tel.: +420 266 000 466

Course Fee

The registration fee is 900 EUR.
It includes the course fee and material, accommodation B&B, coffee breaks, lunches and dinners.

Prerequisites

- Up to 7 years experience in radiotherapy physics.
- English knowledge (no translation provided).

Candidature process

By **1 June 2015**, the candidate has to demonstrate his/her interest by submitting an application form together with a proposal or idea for a research project, a scientific paper, etc.

- The attendees selection is done based on the project
- The result will be communicated to the candidate within 15 days
- The programme is limited to 40 participants.

FURTHER

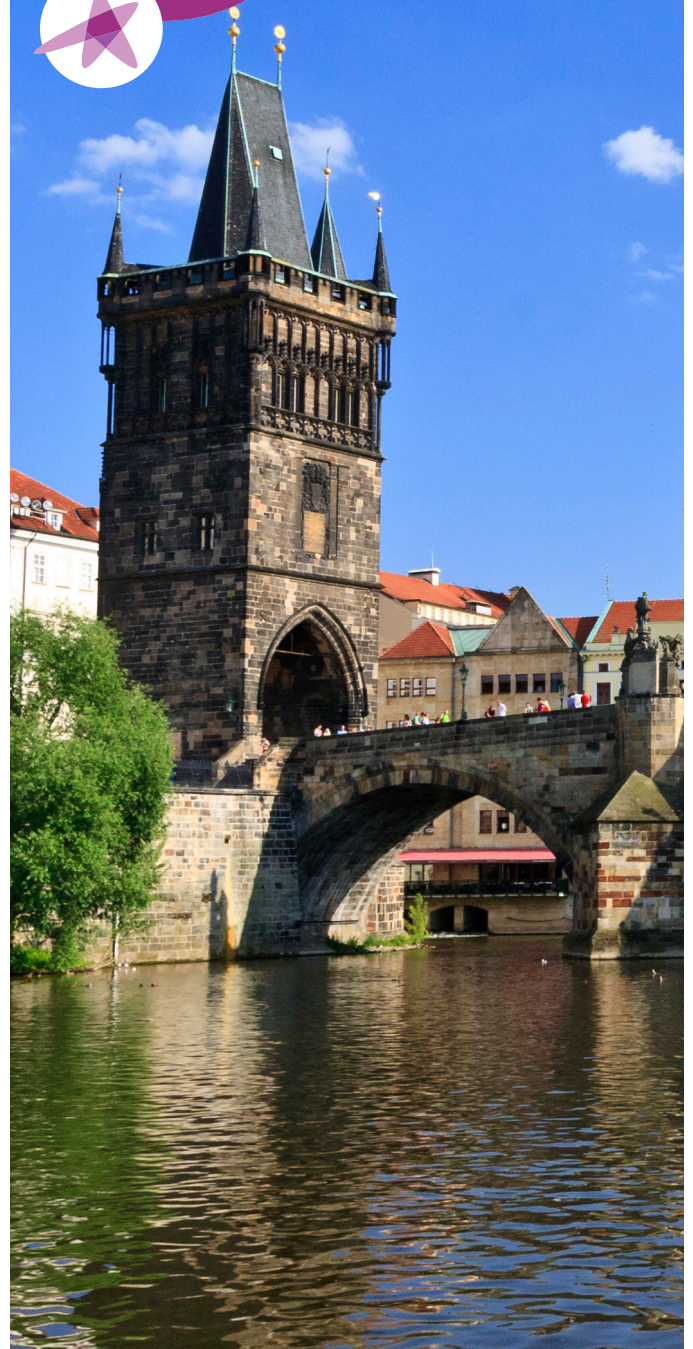
Submission of the application form by email to Laura La Porta - llaporta@estro.org together with a CV, motivation letter and a 500 words description of a proposal for an idea or a project for development during the programme.

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Email: education@estro.org

2015 ESTRO SCHOOL LIVE COURSE



NEW



RESEARCH MASTERCLASS IN RADIOTHERAPY PHYSICS

3 - 6 September 2015
Prague, Czech Republic

WWW.ESTRO.ORG/SCHOOL



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RADIOTHERAPY
TREATMENT
PLANNING
AND DELIVERY

BENEFITS

This course will enable you to:

- Validate critically the quality of research projects, concerning: novelty; potential impact; and feasibility and risk
- Discuss effectively research ideas/projects with peers for further improvement
- Discuss current trends and research opportunities in radiotherapy physics and related areas.

WHO SHOULD ATTEND AND WHY?

This research masterclass aims at supporting new researchers in setting up a career in radiotherapy physics or a related field (imaging science, computer science, math, biophysics, ...).

The target group has up to seven years of experience and pursues a full-time research position, or a combination of research with a (future) clinical position, e.g. as medical physicist.

Attendants of the Masterclass will have the opportunity to further develop a submitted proposal or idea for a research project, a scientific paper, etc. with the support of a team of internationally renowned scientists.

Discussing real scientific proposals and ideas, attendants will learn from their peers and the attending faculty how to turn an initial idea into a successful project with scientific output.

In addition, for a broad range of radiotherapy research fields, expert faculty members will highlight current trends and discuss important unresolved issues with future research opportunities.

Discussion between fellow attendants and faculty members will allow the development of new, potentially long lasting, scientific/mentorship relationships.

PROGRAMME OVERVIEW

Day 1

- Discussion and development of research proposals
- Trends and research opportunities in MR and PET imaging in radiotherapy
- Tips and tricks for writing a scientific paper.

Day 2

- Discussion and development of research proposals
- Trends and research opportunities in: respiratory motion management; treatment planning; IGRT and adaptive therapy to compensate for anatomical variations; physics and technology in personalized medicine; brachytherapy physics.

Day 3

- Discussion and development of research proposals
- Trends and research opportunities in: - dose response modeling; radiotherapy dosimetry; - microbeam radiotherapy
- Ion beam therapy
- Tips and tricks for writing a successful grant proposal.

Day 4

- Discussion and development of research proposals
- Grant opportunities in Europe.