

ONLINE

ESTRO
SCHOOL
2021

Research Course in Radiation Oncology: How to Develop Research/Validation Programmes when Implementing MRI Linac?

18 October - 21 October 2021 | Online

New concept

Innovative online Masterclass with a blended learning approach where pre-recorded lectures, practical exercises and web-based interactive sessions and feedback are combined.

Target group

The course is primarily aimed at:

- Radiation oncologists
- Radiation oncologists and medical physicists early in their career
- RTTs interested in the implementation of a new technology (MRI, Linac, Hadron imaging).
- Participation of teams from the same departments are encouraged
- Colleagues from small or large departments with or without research expertise are all welcome.

Course aim

Attendants to the Masterclass should submit a proposal or idea for a research project, or a scientific paper to be further improved under supervision of a team of internationally renowned scientists. By discussing the submitted proposals and ideas in small groups in a safe and friendly atmosphere, attendants will learn by example from their peers and the attending faculty how to turn an initial idea into a successful project with scientific output. Leading the discussions are questions such as: "What are the interesting research hypotheses and messages and how can they be improved?", and "Why would others be interested in reading my paper?"

In addition, expert faculty members will highlight current trends and discuss important unresolved issues with future research opportunities. Some general aspects of scientific research (e.g. paper and grant writing) will also be covered by

lectures. Ample time will be allotted for discussions with faculty members and fellow attendants, allowing development of new, potentially long lasting, scientific/mentorship relationships.

Learning outcomes

By the end of this course participants should be able to:

- Critically validate and enhance the quality of research projects concerning novelty, potential impact, urgency, feasibility and risk
- Effectively discuss research ideas/projects with colleagues to maximise scientific value
- Discuss current trends and research opportunities in new technology implement

Course content

1. Discussions on research projects submitted by participants, aiming at improving the projects, and to learn, by example from peers and the expert faculty, how to turn research ideas into a successful project
2. Lectures

- Trends, unresolved issues and research opportunities in MR imaging in radiotherapy (including dose painting)
- Tips and tricks for writing a successful grant proposal
- Tips and tricks for writing a scientific paper and getting it accepted
- Grant opportunities in Europe.

Teaching methods

The course includes:

- Pre-recorded Lectures (available prior to the start of the course)
- Live Webinars - presentation of submitted research projects
- Interactive discussions and working on improvement of the projects
- LiveWebinars/ Lectures

Key words

New technology, Research, Validation, Implementation

ROADMAP

- ◆ RESEARCH
- RADIATION ONCOLOGISTS

COURSE DIRECTOR

Eric Lartigau, (FR)

TEACHERS

Carsten Brink, (DK)
Felipe Calvo, (ES)
Reijer Rutgers, (NL)
Marielle Philippens, (NL)
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PROJECT MANAGER

Karolina Kowalska, ESTRO Office (BE)
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WORKING SCHEDULE

Monday 18 October:
12:30 - 18:00
Tuesday 19 October:
13:00 - 18:00
Wednesday 20 October:
13:00 - 18:30
Wednesday 20 October:
18:30 - 20:30 PARTY TIME
Thursday 21 October:
13:00 - 15:30

LANGUAGE

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

COURSE ORGANISATION

For any further information, contact ESTRO:
Karolina Kowalska
kkowalska@estro.org
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TECHNICAL EXHIBITION

Companies interested in exhibition opportunities during this teaching course should contact Karolina Kowalska, Project Manager
kkowalska@estro.org
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How to apply:

Anyone interested can submit a proposal or idea for a research project, or a scientific paper, etc. Proposals/ideas for research must be submitted **by 1 September 2021** in pdf format with a maximum 750 words. The content should adhere to the following format:

- Title
- Name and affiliation of investigator
- Background of research
- Proposed research and research hypothesis
- Expected results and conclusions/messages

Proposal submission:

The submission must be accompanied by a brief CV (pdf, max 500 words). Please send the research proposal and CV to the course manager, Karolina Kowalska (kkowalska@estro.org). Attendance will be limited to 45 participants. Selection will be based on the submitted proposals and on a first come, first served basis. If selected, the participant should prepare a 10 minute Powerpoint presentation with the format given above. The pptx will be presented at the Masterclass, and will be the basis for further improvement of the research proposal.

PARTICIPANTS SHOULD REGISTER ONLINE [HERE](#)

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: education@estro.org

Registration fees

Please check the registration deadline date on our website

	STANDARD RATE	DESK RATE
In-training members *	€ 350	€ 600
Members	€ 400	€ 600
Non members	€ 500	€ 600

REDUCED FEES are available for ESTRO members working in economically less competitive countries. Check the eligible countries and the selection criteria on the website [HERE](#)

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 mode and course material will become available upon receipt of full payment.

Insurance and cancellation

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.

**Don't miss the registration deadline:
1 September 2021**

ESTRO

ESTRO GOES GREEN Please note that the course material will be available online. No printed course book will be provided during the courses.

WWW.ESTRO.ORG/COURSES

