



1ST ESTRO PHYSICS WORKSHOP

*Science in
development*

17-18 November 2017
Glasgow, UK

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The ESTRO Physics Committee is delighted to announce the first edition of a new concept for scientific exchange: “1st ESTRO Physics Workshop: Science in development”, will be held in the city of Glasgow, 17-18 November 2017.

This workshop aims at facilitating scientific and professional networking opportunities within ESTRO physics membership, physicists working in other areas and furthermore, create close interaction with developers in companies. We believe that by promoting these interactions we will capture scientific developments that could be applied and have a real impact on the cure for cancer.

The programme will open with a plenary lecture “The adaptive medical physicist: new challenges, new needs, new roles” then break out into different topics that will run in parallel.

The workshop will be unique as follows:

- Be topic oriented. Participants will register for one single topic. For this year the topics are:
 - Medical physics research and treatment planning development for therapy with scanned particle beams.
 - The multidisciplinary Gate/Geant4 Monte Carlo platform in medical physics: clinical applications and research
 - Dosimetry Audit in Radiation Oncology – where to go next?
 - *In vivo* dosimetry methods for external beam radiotherapy and brachytherapy
 - Automate or perish
 - Micro- and nanodosimetry for radiotherapy
- Offer a programme, prepared by chairs of different topics, that combines invited talks by leading scientists, proffered papers on ongoing research (open call) and plenty of time for discussion.

- Be limited in number of participants per topic, to stimulate lively discussion and guarantee interaction.
- Update not only on the latest research of a topic, but also share experiences and promote collaboration between different groups and members that can work on the same topic. We hope the workshop will contribute to establishing long term collaborations through ESTRO.

We hope that you will be enthusiastic with this new workshop concept especially targeted at medical physicists in the radiation oncology area. We look forward to your participation.

With warm regards,



Núria Jornet
Chair, Physics Committee

Call for contributions on ongoing research:
Deadline 4 September 2017

VENUE

Scottish Exhibition and Conference
Centre
Exhibition Way
Glasgow G3 8YW, U.K.