

Physics of FLASH RT – programme

20th October 2021 (CET)

9:00 – 9:05 Welcome

9:10 – 10:10 Invited lectures

- 1) Kristoffer Petersson (Title: *Dosimetry in ultra-high dose rate electron beams*)
- 2) Pierre Montay-Gruel (Title: *FLASH radiotherapy: new biology challenges in radiation research*)

10:15 – 12:30 Breakout sessions

- Guidelines for clinical implementation of FLASH (*chaired by Cristina*)
- Terminology in FLASH RT (*chaired by Anna*)
- Radiobiological data needed for treatment planning modelling (*chaired by Frank*)

12:30 – 13:30 Lunch

1:30 – 2:30 Invited lectures

- 1) Anna Vella (Title: *Macroscopic Monte Carlo simulations for FLASH therapy*)
- 2) Wilko Verbakel (Title: *Treatment planning for proton transmission beam Flash: dose-rate and machine parameter influences*)

2:30 – 4:00 Breakout sessions (cont.)

- Guidelines for clinical implementation of FLASH (*chaired by Cristina*)
- Terminology in FLASH RT (*chaired by Anna*)
- Radiobiological data needed for treatment planning modelling (*chaired by Frank*)

4:00 – 5:00 Vendor talks

Pierre Lansonneur (Varian)

Rudi Labarbe (IBA)

Sebastian Adamczyk (IntraOP)

Giuseppe Felici (S.I.T. - Sordina IORT Technologies)

Eric Traneus (Raysearch)

21st October 2021 (CET)

9:00 – 10:00 Breakout sessions (summary of previous day)

- Guidelines for clinical implementation of FLASH (*chaired by Cristina*)
- Terminology in FLASH RT (*chaired by Anna*)
- Radiobiological data needed for treatment planning modelling (*chaired by Frank*)

10:15 – 12:25 Wrap up of the workshop

12:25 – 12:30 Close