

Spatial Fractionation Radiation Therapy (SFRT) Track

Spatial Fractionation Radiation Therapy (SFRT) track looks at the latest development of this innovative radiotherapy techniques that makes use of non-uniform dose distribution, aiming to achieve maximal clinical response on radioresistant malignancies with minimal toxicities on healthy tissues.

- Anyone wanting to find out more about the latest development of Spatial Fractionation Radiation Therapy (SFRT) techniques that makes use of non-uniform dose distribution, aiming to achieve maximal clinical response on radioresistant malignancies with minimal toxicities on healthy tissues.
- In this track will be presented a wide range of items of interest, spanning from the physical parameters of the beam used (as mini-beam or micro-beam approach), to the underlying mechanism of the sparing effect on healthy tissue and to the specific dosimetric challenges due the highly non-uniform dose distribution. The perspective of clinical trials will be explored, as well as the interplay of SFRT with possible FLASH irradiation modalities, will also be explored.
- Find out the latest news and discuss the potential benefits and the issues still needing to be answered.