



**RTT Pre-meeting course**  
***Clinical implementation of surface guided radiotherapy (SGRT)***  
**ESTRO2021, 27-31 August 2021, Madrid, Spain**

Friday, 27 August 2021 from 08:30-17:00

**Course Directors:**

Filipe Moura, Radiation Therapist, Hospital CUF Descobertas (PT)  
 Philipp Freisleder, Medical Physicist, LMU Munich (DE)

**Speakers & Panelists:**

- Filipe Moura, Radiation Therapist , Hospital CUF Descobertas (PT)
- Philipp Freisleder, Medical Physicist, LMU Munich (DE)
- Christoph Bert, Medical Physicist, Uni-Klinikum Erlangen (DE)
- Malin Kügele, Medical Physicist, Skåne University Hospital (SE)
- Sophie Perryck, Radiation Therapist, University Hospital Zurich, Zurich (CH)
- Stefanie Corradini, Radiation Oncologist, LMU Munich (DE)
- Michel Oellers, Medical Physicist, MAASTRO (NL)
- Christian Rasmussen, Radiation Therapist, AKH Vienna (AT)
- Vania Batista, Medical Physicist, Universitätsklinikum Heidelberg (DE)
- Francesco Fracchiolla, Medical Physicist, Centro di Protonterapia di Trento (IT)
- Jeremy Hoisak, Medical Physicist, UC San Diego - School of Medicine (US)

**Programme**

Time slot	Title	Teacher
08:30	Introduction	Filipe Moura & Philipp Freisleder
08:45	Technological aspects – behind the scenes	Christoph Bert
9:10	SGRT – historical perspective	Malin Kügele
9.35	AlignRT Advance – Clinical evidence built on experience, gateway to new horizons	VisionRT
9:40	The future of Marker and Tattooless	Sophie Perryck
10:05	SGRT developments - Clinical perspective	Stefanie Corradini
10:30	Latest generation SGRT for Ring Gantry	C-RAD
10:35	COFFEE BREAK	
11:10	4D dynamic DIBH for left breast	Filipe Moura

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11:35	Submillimetric accuracy on intracranial lesions	Michel Oellers
12:00	Comparison of modalities for SGRT in everyday clinical practice	Christian Rasmussen
12:25	IDENTIFY - Reproduce each unique patient's set up, position, and treatment while supporting patient safety	Varian
12:30	LUNCH	
14:00	SGRT Commissioning & Routine QA	Vania Batista
14:25	Surface guidance applications in particle therapy	Francesco Fracchiolla
14:50	Update on European guideline process	Philipp Freisleder
15:15	Future Advancements of the Brainlab 4D SGRT Technology	Brainlab
15:20	COFFEE BREAK	
15:50	Innovation and development	Jeremy Hoisak
16:15	Q&As	All
16:45	Final assessment - WEB based questionnaire	All
17:00	Close of pre-meeting	