

**SCIENTIFIC PROGRAMME****Course Director**

Remi Nout

Kari Tanderup

**Faculty**

Umesh Mahantshetty

Kjersti Bruheim

Monica Serban

Simon Duke

Céline van Beveren

Nicole Nesvacil

Ina Jürgenliemk-Schulz

Li Tee Tan

Linda Rossi

**Virtual Session – Zoom**

<b>Pre-Course Webinar - 4 September</b>		
15.00 - 17.00	Live Webinar	Nout & Tanderup
	Course Introduction	All Faculty

**In-Person Sessions – Brussels, Belgium**

<b>Day 1 – 25 September</b>		
<b>Time</b>	<b>Lecture</b>	<b>Faculty</b>
08.30 - 08.40	Welcome	Nout
08.40 - 09.00	Setting learning goals to change our clinical practice	Tan
09.00 - 10.30	EBRT Contouring	Tan, Tanderup & Duke
	- Homework feedback contouring	
	- Image Guidance	
	- CBCT Monitoring	
<i>10.30 - 11.00</i>	<i>Break</i>	
11.00 - 12.15	EBRT Contouring	Tan, Tanderup & Duke
	- ITV Quiz	
	- Mini Contouring	
<i>12.15 - 13.15</i>	<i>Lunch</i>	
13.15 - 13.40	Medical Aspects of Dose Constraints	Nout
13.40 - 14.05	Nodal Boost	Jürgenliemk-Schulz
14.05 - 15.00	EBRT Treatment Planning	Jürgenliemk-Schulz & Serban
	- Homework feedback	
	- Quiz	
<i>15.00 - 15.30</i>	<i>Break</i>	
15.30 - 17.00	EBRT Treatment Planning	Jürgenliemk-Schulz & Serban
	- Homework feedback	
	- Quiz	

### SCIENTIFIC PROGRAMME

Day 2 – 26 September			
Time	Lecture	Faculty	
08.30 - 08.55	Applicator Selection	Nout	
08.55 - 09.20	Combination of Images and Registration	Nesvacil	
09.20 - 10.30	Clinicians Clinical Aspects	Physicists & RTTs Technical Aspects	Nout & Mahantshetty (online) Nesvacil & Serban
	- Applicator Selection	- EBRT Treatment Planning	
	- Application Insertion	- BT Applicator Commissioning and Reconstruction; pre- planning	
10.30 - 11.00	<i>Break</i>		
11.00 - 12.15	Clinicians Clinical Aspects:	Physicists & RTTs Technical Aspects	Nout & Mahantshetty (online) Nesvacil & Serban
	- Clinical aspects, anaesthesia, pre-postop care	- EBRT Treatment Planning	
	- Video applicator insertion and removal	- BT Applicator Commissioning and Reconstruction; pre- planning	
12.15 - 13.15	<i>Lunch</i>		
13.15 - 13.40	Hot Topics is Cervical Cancer: Multiparametric MRI & hypoxia	Bruheim	
13.40 - 14.05	Hot Topics is Cervical Cancer: Auto-planning	Serban	
14.05 - 15.00	Clinicians Brachytherapy Contouring	Physicists & RTTs Brachytherapy Planning	Duke & Nout Nesvacil & Serban
	- Homework feedback	- Hands-on Treatment Planning workshop	
	- Quiz		
	- Mini Contouring		
15.00 - 15.30	<i>Break</i>		
15.30 - 17.00	Clinicians Brachytherapy Contouring	Physicists & RTTs Brachytherapy Planning	Duke & Nout Nesvacil & Serban
	- Homework feedback	- Hands-on Treatment Planning workshop	
	- Quiz		
	- Mini Contouring		

### SCIENTIFIC PROGRAMME

Day 3 – 27 September			
Time	Lecture	Faculty	
08.30 - 08.55	ICRU Recommendations	Tan	
08.55 - 09.20	Evidence of Dose Effect	Tanderup	
09.20 - 10.30	Brachytherapy Treatment Planning	Nesvacil & Nout	
	- Homework feedback		
	- Demonstration		
	- Quiz		
10.30 - 11.00	<i>Break</i>		
11.00 - 12.15	Brachytherapy Treatment Planning	Nesvacil & Nout	
	- Homework feedback		
	- Demonstration		
	- Quiz		
12.15 - 13.15	<i>Lunch</i>		
13.15 - 13.40	Re-irradiation & Oligometastatic – recurrent disease	Nout	
13.40 - 14.05	Compliance feasibility EMBRACE-II	Nesvacil & Tanderup	
14.05 - 15.00	Clinicians Brachytherapy Contouring	Physicists & RTTs Brachytherapy Planning	Duke, Tan, Jürgenliemk-Schulz, Bruheim & Nout Nesvacil, Serban & Tanderup
	- EduCase	- Hands-on Treatment Planning workshop	
	- Demonstration of Challenging Cases		
15.00 - 15.30	<i>Break</i>		
15.30 - 17.00	Clinicians Brachytherapy Contouring	Physicists & RTTs Brachytherapy Planning	Bruheim, Duke, Tan, Jürgenliemk-Schulz, & Nout Nesvacil, Serban & Tanderup
	- EduCase	- Hands-on Treatment Planning workshop	
	- Demonstration of Challenging Cases		

Day 4 – 28 September		
Time	Lecture	Faculty
08.30 - 09.30	Endometrium (Post-Op); From Diagnosis to Treatment	Nout & Nesvacil
09.30 - 10.30	Vaginal Cancer; From Diagnosis to Treatment	Nout & Nesvacil
10.30 - 11.00	<i>Break</i>	
11.00 - 12.00	Vulva Cancer;	Tan
	- Definite EBRT	
	- BT Boost	
12.00 - 12.15	Closing	Mahantshetty (online)