

## SCIENTIFIC PROGRAMME

### DAY 1 – SUNDAY 3 NOVEMBER

Time	Lecture	Speaker
08.30 - 09.00	Welcome and introduction to the course	B. Heijmen
09.00 - 09.45	Tips and tricks for writing a successful grant proposal	U. van der Heide
09.45 - 10.30	Trends and research opportunities in PET imaging in radiotherapy	E. Malinen
10.30 - 11.00	<i>Coffee break</i>	
11.00 - 11.45	Tips and tricks for writing a scientific paper and get it accepted	C. Fiorino
11.45 - 12.30	Trends and research opportunities in MR imaging in radiotherapy	U. van der Heide
12.30 - 13.30	Lunch	
13.30 - 15.00	Discussion and development of Research proposals	All
15.00 - 15.30	Coffee break	
15.30 - 17.00	Discussion and development of Research proposals	All
17.00 - 17.45	Trends and research opportunities in IGRT and adaptive therapy to compensate for anatomical variations	M. Hoogeman

### DAY 2 – MONDAY 4 NOVEMBER

Time	Lecture	Speaker
09.00 - 10.30	Discussion and development of Research proposals	All
10.30 - 11.00	Coffee break	
11.00 - 11.45	Trends and research opportunities in treatment planning	B. Heijmen
11.45 - 12.30	Trends and research opportunities in particle beam therapy	O. Jäkel
12.30 - 13.30	Lunch	
13.30 - 15.00	Discussion and development of Research proposals	All
15.00 - 15.30	Coffee break	
15.30 - 17.30	Discussion and development of Research proposals	All
17.30 - 18.15	Trends and research opportunities in radiotherapy dosimetry	H. Palmans
20.00 - 22.30	Course dinner	All

DAY 3 – TUESDAY 5 NOVEMBER

Time	Lecture	Speaker
09.00 - 10.30	Discussion and development of Research proposals	All
10.30 - 11.00	Coffee break	
11.00 - 11.45	Trends and research opportunities in dose response modelling	C. Fiorino
11.45 - 12.30	Trends and research opportunities in biophysics in RT	P. van Luijk
12.30 - 13.30	Lunch	
13.30 - 14.15	Trends and research opportunities in respiratory motion management	S. Korreman
14.15 - 15.00	Trends and research opportunities in brachytherapy physics	K. Tanderup
15.00 - 15.30	Coffee break	
15.30 - 17.30	Discussion and development of Research proposals	All

DAY 4 – WEDNESDAY 6 NOVEMBER

Time	Lecture	Speaker
09.00 - 10.30	Discussion and development of Research proposals	All
10.30 - 11.00	Coffee break	
11.00 - 11.45	Extreme spatio-temporal modulation of radiation fields: Microbeam RT and FLASH	U. Oelfke
11.45 - 12.30	Course evaluation	All

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