

SCIENTIFIC PROGRAMME

DAY 1 - MONDAY 31 May 2021

Time	Lecture	Speaker	
<i>Chair:</i> <i>M. Hoogeman</i>	09:00-09:15	Welcome and introduction	M. Hoogeman
	09:15-09:45	Rationale of IMRT: A clinician's point of view	C. Rubio
	09:45-10:00	Q&A	
	10:00-10:30	IMRT delivery techniques & potential limitations of rotational IMRT	S. Ceberg
	10:30-10:45	Q&A	
	10:45-11:15	<i>Break</i>	
<i>Chair:</i> <i>E. Onjukka</i>	11:15-11:45	Dosimetry issues in IMRT	L. Hoffmann
	11:45-12:00	Q&A	
	12:00-12:30	IMRT optimization: algorithms and cost functions	M. Hoogeman
	12:30-12:45	Q&A	
	12:45-13:45	<i>Break</i>	
	13:45-14:00	<i>Quiz</i>	
<i>Chair:</i> <i>C. Rubio</i>	14:00-14:30	IMRT in Hodgkin Lymphoma	M. Maraldo
	14:30-14:45	Q&A	
	14:45-15:15	Modeling adverse effects after 3DCRT and IMRT	E. Onjukka
	15:15-15:30	Q&A	
	15:30-16:00	<i>Break</i>	
<i>Chair:</i> <i>S. Ceberg</i>	16:00-16:30	Review of Dose-volume relationships I: H&N	M. Hoogeman
	16:30-16:45	Q&A	
	16:45-17:15	IMRT in H&N	V. Vanoni
	17:15-17:30	Q&A	

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DAY 2 - TUESDAY 1 June 2021

Time	Lecture		Speaker
<i>Chair:</i> <i>V. Vanoni</i>	09:00-09:30	Review of Dose-volume relationships II: Pelvis	E. Onjukka
	09:30-09:45	Q&A	
	09:45-10:15	IMRT and SBRT of prostate cancer	C. Rubio
	10:15-10:30	Q&A	
	10:30-11:00	<i>Break</i>	
<i>Chair:</i> <i>L. Hoffmann</i>	11:00-11:30	Impact of geometrical uncertainties on IMRT dose distributions	S. Ceberg
	11:30-11:45	Q&A	
	11:45-12:15	'Patient specific' QA	E. Onjukka
	12:15-12:30	Q&A	
	12:30-13:30	<i>Break</i>	
	13:30-14:00	<i>Quiz</i>	
	14:00-14:45	Group A Clinical case discussions 1	Group B Vendor sessions 14:00-16:00
		CS 1: Lymphoma - room 1	<i>Chair: S. Ceberg</i> <i>Vendor demonstrations of Clinical cases on different TPS</i>
		M. Maraldo, L. Hoffmann	
		CS 2: Prostate - room 2	
		C. Rubio, M. Hoogeman	
		CS 3: H&N - room 3	V. Vanoni, E. Onjukka
	14:45-15:00	<i>Break</i>	
	15:00-15:45	Group A Clinical case discussions 2	
		CS 1: Lymphoma - room 1	<i>Chair: S. Ceberg</i> <i>Vendor demonstrations of Clinical cases on different TPS</i>
		M. Maraldo, L. Hoffmann	
		CS 2: Prostate - room 2	
		C. Rubio, M. Hoogeman	
		CS 3: H&N - room 3	V. Vanoni, E. Onjukka
	15:45-16:00	<i>Break</i>	
	16:00-16:45	Group A Clinical case discussions 3	Group B - FREE
		CS 1: Lymphoma - room 1	
		M. Maraldo, L. Hoffmann	
		CS 2: Prostate - room 2	
		C. Rubio, M. Hoogeman	
		CS 3: H&N - room 3	V. Vanoni, E. Onjukka

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DAY 3 - FRIDAY 4 June 2021

Time	Meet the experts		Speaker
<i>Chair:</i> <i>M. Hoogeman</i>	16:00-16:30	Plenary Q&A	All
	16:30-17:30	Tips and tricks on treatment planning	L. Hoffmann and physicists
	16:30-17:30	Patient case discussion and Q&A in break-out sessions	C. Rubio and MDs

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DAY 4 - WEDNESDAY 9 June 2021

Time	Lecture		Speaker
<i>Chair:</i> S. Ceberg	09:00-09:30	Equipment Q&A	L. Hoffmann
	09:30-09:45	Q&A	
	09:45-10:15	Highly conformal techniques in advanced stage lung cancer: indications, techniques, normal tissue constraints, results	M. Maraldo
	10:15-10:30	Q&A	
	10:30-11:00	<i>Break</i>	
<i>Chair:</i> M. Maraldo	11:00-11:30	Motion management techniques	S. Ceberg
	11:30-11:45	Q&A	
	11:45-12:15	IMRT and SBRT of GI tumours	C. Rubio
	12:15-12:30	Q&A	
	12:30-13:30	<i>Break</i>	
	13:30-14:00	<i>Quiz</i>	
	14:00-14:45	Group B Clinical case discussions 1	Group A Vendor sessions 14:00-16:00
		CS 1: Lymphoma - room 1	<i>Chair: S. Ceberg</i> <i>Vendor demonstrations of Clinical cases on different TPS</i>
		CS 2: Prostate - room 2	
		CS 3: H&N - room 3	
	14:45-15:00	<i>Break</i>	
	15:00-15:45	Group B Clinical case discussions 2	
		CS 1: Lymphoma - room 1	M. Maraldo, L. Hoffmann
		CS 2: Prostate - room 2	
		CS 3: H&N - room 3	
	15:45-16:00	<i>Break</i>	
	16:00-16:45	Group B Clinical case discussions 3	Group A - FREE
		CS 1: Lymphoma - room 1	M. Maraldo, L. Hoffmann
		CS 2: Prostate - room 2	
		CS 3: H&N - room 3	

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DAY 5 - THURSDAY 10 June 2021

Time	Lecture	Speaker	
Chair: <i>E. Onjukka</i>	09:15-09:45	Image-guidance & adaptive: concepts and approaches	L. Hoffmann
	09:45-10:00	Q&A	
	10:00-10:30	IMRT Gynaecology	V. Vanoni
	10:30-10:45	Q&A	
	10:45-11:15	<i>Break</i>	
Chair: <i>M. Maraldo</i>	11:15-11:45	Automated and knowledge-based treatment planning	M. Hoogeman
	11:45-12:00	Q&A	
	12:00-12:30	Practical IMRT planning and 'biological optimization'	E. Onjukka
	12:30-12:45	Q&A	
	12:45-13:45	<i>Break</i>	
	13:45-14:00	<i>Quiz</i>	
Chair: <i>L. Hoffmann</i>	14:00-14:30	Highly conformal techniques in early stage lung cancer: indications, techniques, normal tissue constraints, results	M. Maraldo
	14:30-14:45	Q&A	
	14:45-15:15	IMRT in breast and risk of secondary cancer after IMRT	V. Vanoni
	15:15-15:30	Q&A	
	15:30-16:00	<i>Break</i>	
Chair: <i>C. Rubio</i>	16:00-16:30	TPS commissioning	L. Hoffmann
	16:30-16:45	Q&A	
	16:45-17:15	Dose calculations in static and rotational IMRT	M. Hoogeman
	17:15-17:30	Q&A	
	17:30-18:00	Final discussion, Final quiz & closing of the course	M. Hoogeman