

Wednesday, April 12

Pre-meeting Workshops (parallel workshops)

Start	End	Title	
9:00 AM	5:00 PM	Workshop "The Model-Based Approach"	
9:00 AM	5:00 PM	Workshop "Artificial Intelligence in Radiotherapy"	Further details: www.protontherapygroningen2023.com/wiki/858772/workshops
12:30 PM	4:30 PM	Workshop "How to become and remain a future proof proton center"	

Thursday, April 13

Theme of the day: looking back

Start	End	Title	Speaker	Affiliation
9:00 AM 9:30 AM REGISTRATION & COFFEE				
OPENING				
<i>Chair: Stefan Both</i>				
9:30 AM	9:45 AM	Opening and general introduction	Hans Langendijk	UMCC
9:45 AM	9:50 AM	Q&A		
9:50 AM	10:15 AM	Implementation of technology in healthcare	Wiro Niessen	(Dean) UMCC
10:15 AM	10:20 AM	Q&A		
PROTON THERAPY RESEARCH INFRASTRUCTURES				
<i>Chairs: Hans Langendijk and Rob Coppes</i>				
10:20 AM	10:35 AM	The new Particle Therapy Research Center (PARTREC) at the UMCG	Alexander Gerbershagen	UMCC
10:35 AM	10:40 AM	Q&A		
10:40 AM	10:55 AM	Building a database infrastructure for proton therapy in the Netherlands	Andre Dekker	Maastr
10:55 AM	11:00 AM	Q&A		
11:00 AM 11:30 AM COFFEE BREAK				
Head & Neck, CNS and paediatric PT				
<i>Chairs: Tineke van Zon-Meijer and Pietro Pisciotta</i>				
11:30 AM	11:45 AM	A five-year journey with centralized pediatric proton therapy	John Maduro	UMCC
11:45 AM	11:50 AM	Q&A		
11:50 AM	12:05 PM	Proton Therapy for Low Grade Glioma: Towards Neurocognitive Function - Sparing RT	Hiske van der Weide	UMCC
12:05 PM	12:10 PM	Q&A		
12:10 PM	12:25 PM	Model-based validation of toxicities for head & neck cancer patients treated with proton therapy: The first results	Roel Steenbakkens	UMCC
12:25 PM	12:30 PM	Q&A		
12:30 PM	12:45 PM	Current practice of Head & Neck IMPT	Jeffrey Free	UMCC
12:45 PM	12:50 PM	Q&A		
12:50 PM	1:05 PM	New insights into the neuroimmune response of proton therapy	Lara Barazzuol	UMCC
1:05 PM	1:10 PM	Q&A		
1:10 PM 2:10 PM LUNCH BREAK				
Thorax PT				
<i>Chairs: Stefan Both and Kristel Muijs</i>				
2:10 PM	2:25 PM	Clinical outcomes of breast cancer patients treated with proton therapy	Anne Crijns	UMCC
2:25 PM	2:30 PM	Q&A		
2:30 PM	2:45 PM	Treatment planning and delivery challenges in Breast Cancer	Bojan Strbac	UMCC
2:45 PM	2:50 PM	Q&A		
2:50 PM	3:05 PM	Proton radiotherapy for lung cancer patients: less is more!?	Robin Wijsman	UMCC
3:05 PM	3:10 PM	Q&A		
3:10 PM	3:25 PM	Treatment planning and 4D dose accumulation in lung IMPT	Erik Korevaar	UMCC
3:25 PM	3:30 PM	Q&A		
3:30 PM 4:00 PM COFFEE BREAK				
Thorax PT				
<i>Chairs: Erik Korevaar and Robin Wijsman</i>				
4:00 PM	4:15 PM	Cardiopulmonary toxicity: Identifying new side-effects and a potential role for protons in their prevention	Peter van Luijk	UMCC
4:15 PM	4:20 PM	Q&A		
4:20 PM	4:35 PM	Esophageal cancer, the perfect candidate for proton radiotherapy?	Kristel Muijs	UMCC
4:35 PM	4:40 PM	Q&A		
4:40 PM	4:55 PM	Experiences and challenges of proton radiotherapy for esophageal cancer	Sabine Visser	UMCC
4:55 PM	5:00 PM	Q&A		
5:00 PM Closure				
Evening programme (parallel events)				
NETWORK DRINKS (separate registration required)				
5:00 PM	8:00 PM	Drinks at DOT (symposium venue)		
PARTREC - TOUR (separate registration required)				
5:15 PM	5:45 PM	Travel to PARTREC by bus		
5:45 PM	6:45 PM	PARTREC tour		
6:45 PM	7:15 PM	Travel to DOT		
UMC Groningen Proton Therapy Center - TOUR (separate registration required)				
5:15 PM	5:30 PM	Walk from DOT to GPTC		
5:30 PM	6:30 PM	GPTC tour		
6:30 PM	6:45 PM	Walk from GPTC to DOT		

Friday, April 14

Theme of the day: looking to the future

Start	End	Title	Speaker	Affiliator
9:00 AM	9:30 AM	START OF THE DAY WITH COFFEE		
IMAGE GUIDED AND ADAPTIVE PROTON THERAPY				
<i>Chairs: Sanne van Dijk and Marianna Sijtsema</i>				
9:30 AM	9:55 AM	MR-integrated proton therapy (MRIPT)	Aswin Hoffmann	TU Dresden
9:55 AM	10:00 AM	Q&A		
10:00 AM	10:15 AM	UMCG Platform for Image guided adaptive PT	Gabriel Guterres-Marmitt	UMCC
10:15 AM	10:20 AM	Q&A		
10:20 AM	10:35 AM	Do we see the radiation-induced toxicity?	Esther Troost	TU Dresden
10:35 AM	10:40 AM	Q&A		
IMMUNOTHERAPY				
<i>Chairs: Hans Langendijk and Edwin Oldehinkel</i>				
10:40 AM	11:05 AM	Particles' radio-immunogenicity and possible future applications	Walter Tinganelli	GS
11:05 AM	11:10 AM	Q&A		
11:10 AM	11:25 AM	Radiation and CAR T cell therapy: potential opportunities for synergy	Anne Niezink	UMCC
11:25 AM	11:30 AM	Q&A		
11:30 AM	11:50 AM	COFFEE BREAK		
FLASH				
<i>Chairs: Peter van Luijk and Lara Barazzuol</i>				
11:50 AM	12:15 PM	Proton FLASH biology: tumour and NT response	Marie-Catherine Vozenin	CHUV
12:15 PM	12:20 PM	Q&A		
12:20 PM	12:35 PM	FLASH and dose conformity: A mandatory combination	Anthony Lomax	PS
12:35 PM	12:40 PM	Q&A		
12:40 PM	12:55 PM	FLASH Research program at PARTREC	Rob Coppes	UMCC
12:55 PM	1:00 PM	Q&A		
1:00 PM	2:00 PM	LUNCH BREAK		
DOSE INTENSIFICATION				
<i>Chairs: Hans Langendijk and Stefan Both</i>				
2:00 PM	2:25 PM	Hypofractionation in proton therapy	Charles Simone	MSKCC
2:25 PM	2:30 PM	Q&A		
2:30 PM	2:45 PM	Using the power of protons to dose escalate	Sanne van Dijk	UMCC
2:45 PM	2:50 PM	Q&A		
2:50 PM	3:05 PM	New developments and the role of LET in proton therapy	Dirk Wagenaar	UMCC
3:05 PM	3:10 PM	Q&A		
3:10 PM	3:30 PM	COFFEE BREAK		
HIGH PRECISION PROTON THERAPY				
<i>Chairs: Charlotte Brouwer and Kristel Muijs</i>				
3:30 PM	3:45 PM	To adapt or not to adapt in proton therapy	Mischa Hoogeman	HollandPTC
3:45 PM	3:50 PM	Q&A		
3:50 PM	4:05 PM	The potential of CBCT for personalized proton therapy	Antje Knopf	FHNW
4:05 PM	4:10 PM	Q&A		
4:10 PM	4:25 PM	Role of proton radiography in high precision radiotherapy	Arturs Meijers	PS
4:25 PM	4:30 PM	Q&A		
4:30 PM	4:45 PM	Proton Arc: Next generation Proton Therapy?	Stefan Both	UMCC
4:45 PM	4:50 PM	Q&A		
CLOSING REMARKS				
4:50 PM	5:00 PM	Closing remarks	Hans Langendijk	UMCC
5:00 PM		Closure		