

# 4<sup>th</sup> Belgian Hadron Therapy Consortium workshop

## *The future of particle therapy for common cancers: from bench to bedside and back*

Friday October 26, 2018

Venue: KU Leuven campus Gasthuisberg, Auditorium O&N4, Herestraat 49, 3000 Leuven, Belgium

9:30 – 9:50	<b>Welcome reception</b>
9:50 – 10:00	<b>Welcome</b> Prof. Frank Deconinck (BHTC)
10:00 – 10:45	<b>Model-based indications: a tool to select patients for particle therapy</b> Dr. Christian Hammer (UMC Groningen Proton Therapy Center)
10:45 – 11:15	<b>Heavy particle treatment and its indications: update on the NIRS experience</b> Dr. Piero Fossati (MedAustron)
11:15 – 11:45	<b>Impact of particle irradiation on the immune system</b> Dr. Marjan Moreels (SCK•CEN)
11:45 – 12:15	<b>RBE and distal edge effects of particle radiation in vivo</b> Dr. Brita Singers Sørensen (Aarhus University)
12:15 – 13:15	<b>Lunch + poster viewing</b>
13:15 – 13:45	<b>Promises and disappointments of proton treatment for lung cancer</b> Prof. Xavier Geets (Cliniques universitaires Saint-Luc/UCL)
13:45 – 14:15	<b>Challenges of irradiating lung cancer with protons: robustness &amp; PTV</b> Prof. Edmond Sterpin (KU Leuven/UCL)
14:15 – 15:00	<b>Selected abstracts</b> TBD
15:00 – 15:20	<b>Coffee break</b>

15:20 – 15:30	<b>The European Particle Therapy Network (EPTN) initiative</b>
	Prof. Karin Haustermans (UZ Leuven/KU Leuven)
15:30 – 16:00	<b>Nanoparticle radiosensitizers: is the experience acquired with photons transferable to protons?</b>
	Prof. Stéphane Lucas (University of Namur)
16:00 – 16:40	<b>Debate - An RBE of 1.1 for proton therapy: is this still valid in 2018?</b>
	Moderator: Prof. Wilfried De Neve (UZ Gent/UGent)
16:40 – 16:45	<b>Concluding remarks</b>
16:45 – 18:00	<b>Guided tour at ParTICLe - the Particle Therapy Interuniversity Center Leuven</b>
	Registration required

**Deadline abstract submission: September 15, 2018 to [sofie.isebaert@uzleuven.be](mailto:sofie.isebaert@uzleuven.be)**

**Registration deadline: October 1st, 2018**

**Registration via: <http://bhtc.sckcen.be/en/Events/4th-bhtc-workshop>**

Organizers: KU Leuven - UZ Leuven, BHTC

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