

## Programme

### ENLIGHT Training Workshop, June 12<sup>th</sup>, 2017

	Talk	Speaker(s)
8:00 – 8:30	Registration	
8:30 – 8:45	Welcome and Introduction (AUD)	Cai Grau
8:45 - 9:15	Basic physics principles for proton treatment planning	Jörgen Olofsson
9:15 – 9:45	Comparative treatment-planning	Petra Witt
9:45 – 10:15	Hot topics in proton therapy research	Håkan Nyström
10:15 - 10:45	Coffee break	

	<b>Hands on dose planning on cases. (Rooms: Gästekantine and mødelokale 4)</b>	<b>Research workshop/meet the researcher (Room: Lobby)</b>
10:45 – 11:00	Introduction to case and treatment planning exercise (Ingrid Kristensen)	(4 rounds of 25 min each) <ul style="list-style-type: none"> <li>• Radiobiology</li> <li>• Motion management</li> <li>• 3D dosimetry</li> <li>• Imaging for stopping power calculation</li> <li>• Treatment planning</li> <li>• Small Animal Imaging</li> <li>• How to build a proton facility</li> <li>• Interfractional variations</li> </ul>
11:00 – 12:30	Planning exercise	
12:30 - 13:30	Lunch break	

	<b>Research workshop/meet the researcher (Room: Lobby)</b>	<b>Hands on dose planning on cases. (Rooms: Gästekantine and mødelokale 4)</b>
13:30 – 13:45	(4 rounds of 25 min each) <ul style="list-style-type: none"> <li>• Radiobiology</li> <li>• Motion management</li> <li>• 3D dosimetry</li> <li>• Imaging for stopping power calculation</li> <li>• Treatment planning</li> <li>• Small Animal Imaging</li> <li>• How to build a proton facility</li> <li>• Interfractional variations</li> </ul>	Introduction to case and treatment planning exercise (Ingrid Kristensen)
13:45 – 15:15		Planning exercise

15:15 – 15:45	Coffee break
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15:45 – 16:30	Evaluation of planning workshop with feed back	Ingrid/Jörgen/Petra
16:30 – 16:45	End of meeting remarks	Cai Grau

19:00	<b>SOCIAL PROGRAMME: Aarhus Street food</b>
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## ENLIGHT Annual Meeting, June 13<sup>th</sup>, 2017 – Aarhus University Hospital, Skejby

	Session + Talk	Speaker(s)	Chairs
8:00 – 8:30	Registration and coffee		
8:30 – 8:45	Welcome	Cai Grau (Aarhus University), Charlotte Warakaulle (CERN) and Manjit Dosanjh (ENLIGHT)	
8:45 - 9:15	Current status of particle therapy in Europe and beyond	Roberto Orecchia (CNAO, Pavia)	
9:15 – 9:30	CT1: Carbon ion therapy clinical outcomes	Piero Fossati (CNAO, Pavia)	Cai Grau and Richard Poetter (Medical University of Vienna).
9:30 – 9:45	CT2: Clinical trials - the multicenter oriented data collection approach	Jacques Balosso (CHU-Grenoble)	
9:45 – 10:00	CT3: Clinical trial of proton therapy in breast cancer	Youlia Kirova (Institut Curie, Paris)	
10:00 – 10:15	CT4: Model-based patient selection	Joachim Widder (Medical University of Vienna)	
10:15 – 10:30	CT: Open Discussion		
10:30 - 11:00	Coffee break		
11:00 - 11:20	IM1: INSIDE project	Giuseppina Bisogni (University of Pisa)	
11:20 - 11:40	IM2: Prompt-gamma imaging	Christian Richter (Oncoray, Dresden)	
11:40 – 11:50	IM: Discussion		
11:50 – 12:20	Present status of Radiobiology: pre-clinical data, implications for therapy	Kevin Prise (Queen's University, Belfast)	
12:20 - 13:20	Lunch break		
13:20 – 13:40	LET: measurements for dosimetry	Julia-Maria Osinga (German Cancer Research Center, Heidelberg)	
13:40 – 14:00	LET: measurements for radiobiology	Martina Fuss (GSI, Darmstadt)	
14:00 – 14:20	Future radiobiology	Brita Singers Sørensen (Aarhus University)	
14:20 – 14:40	Discussion		
14:40 – 15:20	Poster session winners	(3 winners)	

15:20 – 15:35	Next ENLIGHT meeting: 2018	Simon Jolly (UCL)	
15:35 – 15:40	Conclusion	Cai Grau and Manjit Dosanjh	
15:40	Coffee and departure (walking distance)		
16:10	Tour of the Danish Centre for Particle Therapy (DCPT)		
18:30	Welcome reception Climate Planet Aarhus		