International Scientific Opening Symposium of the Danish Centre for Particle Therapy (DCPT)

Tuesday May 21, 2019 - Auditorium A, Aarhus University Hospital. Entrance G206 Palle Juul-Jensens Boulevard 97 https://m.rm.dk/?l=1134

08:00 Check-in and coffee.

Session 1: Welcome and introduction to DCPT
Moderator: Dorte O. Mortensen
08:30 Welcome by Claus Thomsen AUH and Jørgen Frøkiær AU
08:40 Ole Nørrevang, DK: Commissioning and first patient
08:50 Dorte O. Mortensen, DK: Facility, patient flow and -involvement
09:00 Morten Höyer, DK: Staff training and national clinical collaboration
09:10 Cai Grau, DK: Clinical research collaboration

Session 2: Particle therapy in the contemporary translational cancer research landscape
Moderator: Jens Overgaard
09:20 Robert Bristow, UK: Translational research in proton therapy-time to up our game!
09:50 Brita Singers Sørensen, DK: Experimental RBE studies at DCPT
10:00 Per Rugaard Poulsen: FLASH proton therapy studies

10:10 Coffee break – refreshments

Session 3: Dose planning and quality assurance in proton therapy
Moderator: Ole Nørrevang
10:40 Lei Dong, US: Knowledge based planning and robustness optimization
11:10 Marco Schwarz, IT: New developments in proton treatment planning - A wish list
11:40 Anne Vestergaard, DK: Presentation and validation of dose plan class solutions for brain tumors
11:50 Maria Fuglsang Jensen, DK: Benefits and barriers in implementation of Monte Carlo based treatment planning (AcurosPT)

Session 4: Proton therapy in brain tumors
Moderator Morten Höyer
12:00 Daniel Indelicato, US: Protons for pediatric brain tumors
12:30 Lene Haldbo-Classen, DK: Neurocognitive testing of patients treated for brain tumors
12:40 Anne W Kristensen, DK: Patient involvement at DCPT

12:50 Lunch
Session 5: Proton therapy to reduce radiation-related toxicity in the future

Moderator: Cai Grau
13:40 Hans Langendijk, NL: Selection of patients for proton therapy – the Dutch principles and experience. The Professor Carl Krebs Award Lecture
14:10 Jeppe Friborg, DK: The DAHANCA 35 trial of protons vs. photons in head and neck cancer
14:20 Birgitte Offersen, DK: DBCG plans for trials with protons in breast cancer
14.30 Marianne Nordsmark og Ditte Møller, DK: Proton therapy in esophageal cancer
14:40 Closing remarks. Instructions for the tour of DCPT.

14:45 Coffee

15:00 Walk from Auditorium A to DCPT - Entrance B3 https://m.rm.dk/?l=2985
15:15 Visit and guided tour of DCPT and Radiotherapy Learning Centre, with pit stops and learning posts
17:00 Snacks, beers and wine, DCPT Level 4

18:15 Farewell

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Registration is free. Deadline for registration May 7th 2019. Please register using this online form.