



DCCC-RT Workshop on Modeling of Radiation Therapy Outcome Data

September 2-3, 2019; Hotel Park, Middelfart

Register the workshop before August 19 on <https://forms.gle/TFMwUBe9MLVy8Wmb7>

September 2nd

- 10.00 Welcome
- 10.15 Modeling of clinical outcome data: an overview (Søren Bentzen)
- 11.15 NTCP modeling: Parameter estimation and model fits (Ivan Vogelius)
- 12.15 Lunch
- 13.00 Proton versus photon scientific strategy in head and neck cancer (Christian Rønn)
- 13.45 Proton versus photon scientific strategy in breast cancer (Birgitte Offersen, TBA)
- 14.30 Coffee
- 15.00 Pitfalls in bioeffect modeling (Søren Bentzen)
- 15.45 Modeling selection for proton therapy: discussion of endpoints (Kenneth Jensen)
- 16.30 General discussion
- 19.00 Dinner

September 3rd

- 9.00 Detailed tumor control modeling: Introduction and examples (Ivan Vogelius, Katrin Håkansson)
- 10.00 Model validation & data visualization (Ivan Vogelius)
- 11.00 Neurocognitive function after radiation therapy (Lene Halbo-Classen)
- 11.30 Lunch
- 12.15 MR linac: Conventional vs. MR linac scientific strategy - is model based selection an option? (Carsten Brink, Ivan Vogelius)
- 13.00 Presentation of projects (participants)
- 14.45 Coffee
- 15.00 Conclusion of the workshop