

## Artificial intelligence in Radiotherapy – The Danish vision

6-7 Dec 2022 [Best Western Plus Hotel Fredericia](#), Vestre Ringvej 96, 7000 Fredericia

Artificial intelligence is rapidly becoming an important tool in generating high-quality radiotherapy in dynamic and resource space departments. Several Danish research groups are developing specific AI tools to improve the consistency and effectiveness of contouring, treatment planning or quality assurance. However, how can this new knowledge help all radiotherapy patients in Denmark or worldwide?

The AI workshop aims to share knowledge on current AI projects within Denmark or linked to the Danish clinics and set up new cross-centre projects within AI or automated processes.

The workshop is supported by DCCC and DCCC RT and linked to Workgroup 5, focusing on treatment planning and automation.

### **Tentative program:**

#### *Tuesday 6 December*

- 10:00-10:30 Arrival and coffee
- 10:30-11:00 Workshop objective and structure
- 11:00-12:30 AI projects in Denmark
- 12:30-13:30 Lunch
- 13:30-15:00 Cross centre AI projects
- 15:00-15:30 Afternoon coffee and cake
- 15:30-17:00 National infrastructure for AI using DcmCollab

#### *Wednesday 7 December*

- 9:00-10:30 AI projects outside radiotherapy, with potential
- 10:30-11:00 Coffee and cake
- 11:00-12:30 Discussions on national AI possibilities
- 12:30-13:30 Lunch
- 13:30-15:00 Future workshops and collaboration

Ongoing AI projects or in the making, can contact Christian Rønn Hansen ([christian.roenn@rsyd.dk](mailto:christian.roenn@rsyd.dk)) to be included in the program.

Participation is free for the first 30; however, there is a 2000 dkr no-show fee to avoid amputating the workshop.

Sign up before 6 November via the following link: <https://dccrt.wufoo.com/forms/svt85sn1f7kshe/>

Best wishes

Christian Rønn Hansen and DCCC RT

