



Program

09:30 – Welcome with coffee

10:00 – First scientific session (1:30)

Moderator: Arjan Bel

- Prerak Mody (LUMC) Large-scale dosimetric evaluation of deep learning organ contours in head-and-neck radiotherapy by leveraging existing plans
- Luuk van der Pol (UMC Utrecht) Cardiac substructure auto-contouring for ventricular tachycardia patients
- Nicole Ferreira Silvério (NKI-AvL) Evaluation and external validation of target auto-contouring with patient-specific prior for MRgOART of rectal cancer
- Diego Larrotta Castillo (EUR) Beyond the Beam: Integrating HTA for Enhanced Decision-Making in Radiotherapy
- Steven Petit (Erasmus MC) The HyperValue study: What is the added value of HyperSight?

11:30 – Invited talk

Moderator: Jeremy Schiphof-Godart

- Prof. Johan van der Lei The Scylla and Charybdis of observational data: challenges and opportunities

12:30 – Lunch

13:15 – Second scientific session (1:30)

Moderator: Ellen Brunenberg

- Yvonne de Hond (Catharina CZE) Inter-observer variability in Plan-of-the-Day selection for cervical cancer patients and the impact on the dose
- Thomas Weststrate (Amsterdam UMC) Regularized breathing in oesophageal cancer radiotherapy
- Lukas Schröder (NKI-AvL) Online dose adaptation based on accumulated dose with zero PTV margin in rectal cancer radiotherapy
- Nienke Hoffmans – Holtzer (Erasmus MC) Evaluating AI-generated CBCT-based synthetic CT images for target delineation in palliative treatments of pelvic bone metastasis at conventional C-arm linacs
- Frédérique van Gameren (UMC Utrecht) Analysis of motion-compensated MRI efficiency in lung cancer patients based on a 1D-navigator signal
- Osman Akdag (UMC Utrecht) Experimental demonstration of real-time cardiac physiology-based radiotherapy gating for improved cardiac radioablation on an MR-linac

14:45 – Coffee break

15:15 – Third scientific session (1:30)

Moderator: Richard Canters

- Inger-Karine Kolkman-Deurloo (Erasmus MC) BiCycle: translation of research into MDR compliant clinical introduction
- Teun Wagenberg (Maastrou) Verifying HDR brachytherapy treatments in (near) real-time using dose metrics
- Karin Meijer (Amsterdam UMC) Diurnal spine length reduction in pediatric radiotherapy patients
- Hazem Nomer (Erasmus MC) Dose predictions in all IMPT Robustness scenarios using a single deep learning model
- Menke Weessies (Maastrou) Exploring the Safety and Efficacy of Proton Radiotherapy for Breast Cancer in Pregnant Women

16:45 – Closure with drinks

17:15 – End