

Radiotherapy plan robustness in clinical practice

16th June 2022 – The Wesley, Euston London

10:00	10:05	Welcome Jim Daniel & Mark Cowen	12:50	13:50	Lunch
10:05	10:20	Survey Results	13:50	14:10	VMAT plan complexity reduction by using the Aperture Shape Controller and MU Penalty in Eclipse TPS Maan Najem
10:20	10:40	Multi-year audit of adaptive radiotherapy in a small centre David Buckle	14:10	14:30	Radiotherapy Plan Robustness in Clinical Practice: Evaluation of Planning Methods Used to Compensate for Increased Fluence at the Surface for Inverse Planned Head and Neck Cancer Treatment Julie Kirk
10:40	11:10	Invited Speaker Dr Hannah Chantler from Addenbrooke's Hospital	14:30	14:50	Investigating the efficacy of robust optimisation and evaluation in clinical Lung SABR planning Meagan de la Bastide
11:10	11:30	Coffee	14:50	15:10	Coffee
11:30	11:50	Early Experience with Radical bladder treatments on the ELEKTA unity MR-LINAC Frank Brewster	15:10	15:40	Interactive session
11:50	12:10	An Evaluation of Robustness of Robust Optimised Dual Partial Arc VMAT Plans for IMC Radiotherapy Andrew Bird	15:40	16:00	Adaptive radiotherapy for high-risk prostate cancer using multiparametric MRI (ARPC-MRI) Angela Turnbull; Mount Vernon Hospital
12:10	12:30	Evaluation of Stereotactic Radiosurgery Plan Robustness to Residual Setup Errors and Geometrical Variations in Linac Performance C.H. Michael Lam	16:00	16:20	Questions/Closing Discussion
12:30	12:50	A dosimetric evaluation of Velocity deformable image registration of planning CT to cone-beam CT for adaptive photon and proton head and neck treatment planning Virginia Marin Anaya	16:20		Close

Organised by IPEM's RT Special Interest Groups