4D Workshop 2023

Saturday, 9 September 2023

<u>**Apéro / Facility Tour / Poster Session**</u> - **WHGA/001 (16:30 - 19:00)**

time	[id] title	presenter
16:30	[39] 3D-printed materials for end-to-end test phantoms in particle therapy	BRUNNER, Jacob
16:30	[38] Comparison of two techniques for 4D-robust adaptive proton therapy	KAUSHIK, Suryakant
16:30	[37] 4D MRI and motion management in particle therapy	NAKAS, Anestis
16:30	[36] Investigation of uncertainty maps to assess deep-learning based synthetic CT for adaptive proton therapy	GALAPON, Art
16:30	[35] Towards automated prompt-gamma treatment verification: Feasibility of PGI simulations on cone-beam CTs	BERTSCHI, Stefanie
16:30	[34] Dose reconstruction strategies using prompt-gamma radiation in proton therapy	FOGLIA, Beatrice
16:30	[30] Integration of anatomical variations into robust plan evaluation for proton therapy	VATTERODT, Nadine
16:30	[31] Joint Translation And Registration Framework: A Novel Approach To Address Misalignment In MR-Based CT Synthesis	LI, Xia
16:30	[32] Inter- and intrafractional 4D dose accumulation for evaluating ΔNTCP robustness in lung cancer	SMOLDERS, Andreas
16:30	[29] Fast Proton Treatment Plan Re-Optimization Using The Reference Point Method To Account For Interfractional Anatomical Changes	QIU, Zihang
16:30	[28] Dosimetric Benefit Of Online Daily Adaptive Proton Therapy For Head And Neck Cancer Patients	CHOULILITSA, Evangelia
16:30	[33] AI-assisted proton radiography interpretation for fast detection and classification of treatment deviations'	PEROTTI BERNARDINI, Giuliano
16:30	[27] DiffuseRT: Learning Likely Anatomical Deformations From Data	RIVETTI, Luciano
16:30	[19] Spot-scanning proton therapy for breast cancer in free breathing versus deep inspiration breath-hold	STICK, Line Bjerregaard
16:30	[18] Performance of kV-CBCT imaging during megavoltage beam irradiation under phase-gated condition	IRAMINA, Hiraku
16:30	[24] Impact of temporal image resolution on the interplay effect in 4D Monte Carlo dose calculation for IMPT	BENGTSSON, Ivar
16:30	[22] A national phase II study of proton therapy for hepatocellular carcinoma	WEBER, Britta
16:30	[21] Real-time RBE-weighted 4D-dose calculation for carbon ion therapy	GALEONE, Cosimo
16:30	[20] Online tumor motion forecasting using Vision Transformers	ROTSART DE HERTAING, Gauthier
16:30	[17] Heterogeneously hypofractionated proton therapy for Locally Advanced non-small cell lung cancer (NSCLC) - HERAN2 trial	MORTENSEN, Hanna Rahbek