

Table of contents

Thursday 22 May 2025	1
----------------------------	---

12th AAMP Meeting & EFOMP School | (smr 4071)

Thursday 22 May 2025

AI - Budinich Lecture Hall (LB) (14:45-19:02)

time	title	presenter
14:45	Investigation of Biases in AI-based Models for Radiation Oncology	PETER KUESS
14:57	Towards optimized prescription metrics in novel radiotherapy techniques: A Machine Learning-guided study.	ALFREDO FERNANDEZ-RODRIGUEZ
15:09	AI-Enhanced PET/CT Imaging: Transforming Oncology Diagnosis and Treatment Planning	SUBHASH KHERUKA
15:21	The need for standardization of geometrical feature computation for dose prevision models in radiotherapy	FARAH BEN HAMMOUDA
15:33	AI in medicine	ANDREAS DEKKER
16:30	Coffee Break	
17:00	Challenges and developments in small field dosimetry	BOZIDAR CASAR
17:25	Multiple Energy MLC DLG verification and TPS data comparison, a study on Varian Clinac iX and Varian TrueBeam with Millenium MLC 120	NANDOR ATTILA JUHASZ KOLLAR
17:37	Geant4 Based Simulation of The Gammapodtm System	MARIA ISABEL SUBIA POTOSI
17:49	Dosimetry analysis of different planning techniques of whole breast radiotherapy	SUZANA DOVIJARSKI STANKIN
18:02	Dosimetric analysis of pontocerebellar fractionated stereotactic radiotherapy treatments using conventional linear accelerator and CyberKnife	ENIK■ KOSZTA
18:14	Development and validation of a robust dataset using commercial TPS, radiochromic film and 2D diode matrix for deep learning in transit dosimetry	CARLOTTA MOZZI
18:26	Evaluating the impact of Diffusion Weighted Imaging for Gross Tumor Volume delineation in cervical carcinoma patients	LUKAS ZIMMERMANN
18:38	Evaluation of an almost-autonomous dosimetric workflow for the management of laryngeal cancer in radiotherapy	MORITZ JOHANNES MARTIN WESTERMAYER
18:50	Dosimetry and tracking accuracy evaluation of lung carcinoma treated with RADIXACT®TREATMENT DELIVERY SYSTEM and Synchrony Real-Time Delivery Adaptation using Dynamic Thorax Phantom 008A and CIRS motion platform.	IVONA ZLATKOVA