

2nd Symposium on new trends in nuclear and medical physics

Wednesday 24 September 2025

Radiotherapy monitoring (16:05-17:10)

time	[id] title	presenter
16:05	[77] Proton-induced nuclear reactions in the hadrontherapy energy range	MATULEWICZ , Tomasz
16:30	[78] Fragmentation measurements for particle therapy with the FOOT experiment	KRAAN, Aafke
16:55	[79] Plan-Guided Super-Resolution of Dose Distribution	KALECIŃSKA, Kamila

Radiotherapy monitoring (17:25-18:10)

time	[id] title	presenter
17:25	[80] Silicon as beam-activated tumour tracer for online proton therapy monitoring – experimental study	KOŁODZIEJ, Magdalena
17:40	[81] In-beam PET monitoring during radioactive ion beams irradiation for real-time dose discrepancies and anatomical change detection	MOGLIONI, Martina
17:55	[82] Treatment and online PET imaging of a mouse tumor with radioactive ion beams	BOSCOLO, Daria

Friday 26 September 2025

Radiotherapy monitoring (13:50-15:20)

time	[id] title	presenter
13:50	[104] Personalization of radioligand therapy through dosimetry: Clinical opportunities and challenges	OPALIŃSKA, Marta
14:15	[105] In vivo radiation sensing using phase-change ultrasound contrast agents	CARLIER, Bram
14:40	[106] High-Resolution Intravital Imaging: Novel On-Chip PET and iQID Camera for Personalized Radiopharmaceutical Therapy and Microdosimetry	RADHOD, Narendra
15:05	[107] Range Monitoring in Proton Therapy Using the J-PET Scanner: First Experimental Insights	NIEDZWIECKI, Szymon