

## PROGRAMME

Quantification in hybrid imaging – workshops and closing meeting of the IAEA TC POL9027 project  
“Enhancing the Capabilities of Positron Emission Tomography Departments to Provide High Quality  
Imaging and Therapies to Promote Safety Culture”

December 2, 2024		Workshop – Day 1
09:00 – 09:20	Registration	
09:20 – 09:30	Introduction <i>IAEA, KCORwOZ</i>	
09:30 – 10:10	Concepts of Quantification; Hybrid Technology SPECT/CT; Hybrid Technology PET/MRI – summary talk <i>John Dickson</i>	
10:10 – 10:20	Q&A	
10:20 – 10:50	BREAK	
10:50 – 11:30	Hybrid Technology PET/CT; Challenges and Opportunities in Hybrid Imaging; The Role of Deep Learning and Artificial Intelligence in Hybrid Imaging Quantification – summary talk <i>Elena De Ponti</i>	
11:30 – 11:40	Q&A <i>Elena De Ponti; John Dickson</i>	
11:40 – 12:20	Discussion <i>IAEA experts and public</i>	
December 3, 2024		Workshop – Day 2
09:00 – 09:10	Registration	
09:10 – 09:20	Introduction	
09:20 – 10:05	Clinical application of hybrid imaging <i>Leszek Królicki</i>	
10:05 – 10:50	PET/MR- a tool for quantitative multiparametric imaging <i>Małgorzata Mojsak; Anna Amelian</i>	
10:50 – 11:20	BREAK	
11:20 – 12:05	Targeted alpha-particle therapy: qualitative and quantitative post-therapeutic imaging <i>Monika Tulik</i>	
12:05 – 12:50	First key steps in implementing internal dosimetry for patients in the clinical nuclear medicine department <i>Hanna Piwowarska-Bilska</i>	
12:50 – 13:30	Discussion <i>IAEA experts and public</i>	



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December 4, 2024 Closing meeting of the IAEA TC POL9027 Project	
09:00 – 09:20	Registration
09:20 – 09:50	Opening of the meeting
09:50 – 10:20	Project summary <i>Dariusz Kluszczyński</i>
10:20 – 11:20	Round table <i>Project representatives and counterparts, IAEA experts and representatives, and nuclear medicine departments participating in the project</i>
11:20 – 12:00	Summary and conclusions

