

ISOLPHARM Next Gen - May 2025

Monday, 19 May 2025

Bachelor theses - Aula Rostagni (15:30 - 16:20)

time	[id] title	presenter
15:30	[5] β and γ imaging	
	- [2] Characterization measurements with ADMIRAL detectors on Ag-111-containing biological hydrogel samples	CERVI GAMBARO, Edoardo
	- [3] Simulation of Ag-111-loaded hydrogel biological samples and first experimental characterization with the DUMBO β detector	BUSATTO, Sofia
	- [1] Geant4 simulation of the ISOLPHARM γ camera for radiopharmacy studies	NIERO, Elena
15:50	[7] ISOL production and detection of biomedical radiotracers	
	- [1] Diffusion and effusion of biomedical radiotracers in the SPES-ISOLPHARM target	LUISE, Sara
	- [2] γ -spectroscopy measurements for the SPES_MED experiment	PERSI, Giulia
16:05	[6] Resonant laser photo-ionization	
	- [1] Modeling of laser photoionization of medical radionuclides using the reduced density matrix	GAZZOLA, Roberto
	- [2] Study of a photoionization scheme of silver using a ToF-MS for the ISOLPHARM project	BELLESI, Riccardo