



# Neutrino Physics and Machine Learning 2024

## Wednesday, June 26, 2024

### Day 2 - Morning - HCI J4 (9:00 AM - 12:25 PM)

time	[id] title	presenter
9:00 AM	[61] ML applications in radiological image analysis for cancer research	ESCUDERO, Lorena
9:25 AM	Q/A	
9:35 AM	[37] Topological Event discrimination using Deep Convolutional Neural Networks for the NEXT Experiment	KELLERER, Fabian
9:50 AM	Q/A	
10:00 AM	[23] Signal Denoising with Machine Learning for LEGEND Data	YE, Tianai
10:15 AM	Q/A	
10:25 AM	Coffee break	
11:00 AM	[62] Probabilistic Position Reconstruction in the XENONnT Experiment	VETTER, Sebastian
11:15 AM	Q/A	
11:25 AM	[58] Enhancing event discrimination in LEGEND-200 with transformer	BABICZ, Marta
11:50 AM	Q/A	
12:00 PM	[34] Anomaly aware machine learning for dark matter direct detection at DARWIN	SCAFFIDI, Andre
12:15 PM	Q/A	