PSMR2024 10th Conference on PET, SPECT, and MR Multimodal Technologies, Total Body and Fast Timing in Medical Imaging / Programme

Tuesday, 21 May 2024

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AI enhanced PET detectors (15:30 - 17:10)

  -**Conveners: Giancarlo Sportelli; Dennis Schaart**

time	[id] title	presenter
15:30	[52] Refining Position Estimates of PET Detector Blocks with Stochastic Gradient Descent	THULL, Julian
15:50	[60] On-Chip Analog Neural Networks for In-Sensor Image Reconstruction Towards PET Scanners with Large Fields of View	DI GIACOMO, Susanna
16:10	[109] Characterisation of an AI-enhanced TOF-PET detector module with monolithic BGO crystals	CARRA, Pietro
16:30	[51] Improving Timing Resolution of BGO with and without Deep Learning	LOIGNON-HOULE, Francis
16:50	[71] 3D In-System Calibration of PET Detectors	KUHL, Yannick