



# PSMR-TBP 2022 9th Conference on PET/MR and SPECT/MR & Total-body PET workshop

## Monday, May 30, 2022

### Poster session (4:15 PM - 5:30 PM)

-Conveners: Juan José Vaquero; Alberto Del Guerra

[id] title	presenter	board
[13] Screen 01 - Investigation of the Impact of MR Hardware Attenuation on TOF and non-TOF PET/MR Images	JURJEW, Nicole	1
[30] Screen 02 - Assessing the robustness of radiomics feature measurements using the noise equivalent count rate, and the future role of Total Body PET	NEEDHAM, George	2
[53] Screen 03 - Synergistic Image Reconstruction Framework: version 3.2	THIELEMANS, Kris	3
[35] Screen 04 - A Convolutional Neural Network for Automated Delineation and Classification of Metabolic Tumor Volume in Head and Neck Cancer	Dr NIKULIN, Pavel	4
[58] Screen 05 - iPET - Current developments and improvements of preclinical PET scanners based in easyPET technology	Mr CORREIA, Pedro Manuel Mendes	5
[51] Screen 06 - SAFIR-I: First Time-Activity Curves in Rat Brain in vivo	Mr BEBIÉ, Pascal	6
[81] Screen 07 - Monte Carlo evaluation of a total-body rat preclinical scanner based on AI-enhanced BGO detectors.	Dr MASTURZO, Luigi	7
[32] Screen 08 - ScintoTube: An Edgeless preclinical PET insert	FREIRE, Marta	8
[48] Screen 09 - Simulation Results for the PETITION PET Systems	Dr RITZER, Christian	9
[6] Screen 10 - Simulation Study of an On-Chip PET System	CLEMENT, Christoph	10
[17] Screen 11 - The Time of Flight PET for Proton Therapy (TPPT)	KLEIN, Kyle	11
[29] Screen 12 - Preliminary Monte Carlo study of Modular J-PET	TAYEFI ARDEBILI, Faranak	12
[7] Screen 13 - TOF MLEM for Total-Body J-PET with Analytical System Response and Resolution Modelling	SHOPA, Roman	13
[47] Screen 14 - Influence of Spatial Resolution and SNR of Attenuation Correction Maps on Breast PET images in a Fully-Hybrid PET/MR system	Dr SCIFO, Paola	14
[46] Screen 15 - Attenuation Correction in PET/MRI pediatric Brain Tumors: a preliminary comparison between the ZTE and Atlas techniques	Dr SCIFO, Paola	15
[55] Screen 16 - Exploring the Utility of Radiomic Feature Extraction to Improve the Diagnostic Accuracy of Cardiac Sarcoidosis Using FDG PET	Prof. TSOUMPAS, Charalampos	16