

4th Conference on PET/MR and SPECT/MR

Wednesday, 20 May 2015

Session 11 - Poster Session II - Room Maria Luisa (11:00 - 12:30)

-Conveners: Christoph Lerche; Dennis Schaart

[id] title	presenter	board
[53] Measurement of the Point Spread Function of a Pixelated Detector Array	RITZER, Christian	
[4] Clinical Evaluation of PET Image Quality as a Function of Acquisition Time in a New TOF-PET/MR Compared to TOF-PET/CT - Initial Results	ZEIMPEKIS, Konstantinos	
[58] A Novel Method for Y Photons Depth of Interaction Discrimination on Monolithic LYSO Crystals for Brain PET/MRI	BETTIOL, Marco	
[50] Compatibility of Metal Additive Manufactured Tungsten Collimator for SPECT/MRI Integration	SAMOUDI, Amine	
[88] Initial in Vitro and in Vivo Assessment of Au@DTDTPA-RGD Nanoparticles for Gd-MRI and 68Ga-PET Dual Modality Imaging	BOUZIOTIS, Penelope	
[89] A Monte Carlo Study of Scattered and Random Coincidences for MADPET-4	CABELLO, Jorge OMIDVARI, Negar	
[82] Validation of a Simultaneous PET/MR System Model for PET Simulation Using GATE	MONNIER, Florian	
[83] First results with SiPM tiles for TOF PET based on FBK RGB-HD technology	FISCHER, Peter	
[103] Biocompatible Branched Copolymer Nanoparticles Prepared by RAFT Polymerization as MRI /PET Bimodal Tracers	YANG, Chang-Tong	
[101] Assessment of the quality of brain regions and neuroimaging metrics as biomarkers of Alzheimer's Disease	Ms VAZ, Tânia F.	
[61] Comparison of different tube-of-response (TOR) models for resolution recovery in PET image reconstruction for the Philips Ingenuity TF PET/MR	Dr HOFHEINZ, Frank	
[62] A Practical Depth-of-Interaction PET/MR Detector with Dichotomous-Orthogonal-Symmetry Decoding	Prof. WONG, Wai-Hoi	
[68] Evaluation of algorithms for photon depth of interaction estimation for the TRIMAGE PET component	Mr CAMARLINGHI, Niccolo'	
[99] [18F]FDG PET/MRI Of Patients With Chronic Pain Alters Management: Early Experience	Dr BISWAL, Sandip	
[92] Geometric Optimization of an Ultralow-dose High-resolution Pediatric PET Scanner Based on Monolithic Scintillators with dSiPM Readout	Dr MIKHAYLOVA, Ekaterina	
[14] Multi-modality image reconstruction for dual-head small-animal PET	Mr HUANG, Chang-Han	
[49] Analysis and reduction of eddy current effects induced by tesseral end zonal gradient coils in different collimator geometries for SPECT/MRI integration	Mr SAMOUDI, Amine Ms VAN AUDENHAEGE, Karen	
[77] Establishment of an open database of realistic simulated data for evaluation of partial volume correction techniques in brain PET/MR	MOTA, Ana	
[76] Correlation Between Arterial Spin Labeling MRI and Dynamic FDG on PET-MR in Alzheimer's Disease and non-Alzheimer's Disease patients	DOUGLAS, David WILSON, Eugene Prof. ZAHARCHUK, Greg	

[75] Corticospinal MRI tractography in space-occupying brain lesions by diffusion tensor and kurtosis imaging methods	Dr FERREIRA, Hugo Mr LEOTE, Joao Prof. NUNES, Rita	
[74] Whole-body Simultaneous Time-of-flight PET-MRI: Early Experience with Clinical Studies	Dr MINAMIMOTO, Ryogo	
[73] Epileptogenic focus localization: a new approach	Ms TAVARES, Vânia	
[72] Respiratory and cardiac motion correction in dual gated PET/MR imaging	Mr FAYAD, Hadi	