



# 4th Conference on PET/MR and SPECT/MR

## Tuesday, 19 May 2015

### Session 8 - Poster Session I - Room Elena (16:00 - 17:30)

-Conveners: Harry Tsoumpas; Jae Sung Lee

[id] title	presenter	board
[27] 3D Photon Impact Determination in Monolithic Crystals Based on Autocorrelation Filters and RTP Methods	CONDE, Pablo	
[51] Determination of Position and Shape of Flexible MRI Surface Coils Using the Microsoft Kinect for Attenuation Correction in PET/MRI	FROHWEIN, Lynn J.	
[86] Initial Reconstruction Results from a Simulated Adaptive Small Animal C Shaped PET/MR Insert	EFTHIMIOU, Nikos	
[39] Measuring the Mutual Effects Between a CZT Detector and MRI for the Development of a Simultaneous MBI/MRI Insert	TAO, Ashley	
[38] Dedicated Brain PET System of PET/MR for Brain Research	CHENG, LI	
[33] Ultra Fast, Accurate PET Image Reconstruction for the Siemens Hybrid MR/BrainPET Scanner using Raw LOR Data	SCHEINS, Juergen	
[32] Image Artifacts from MR-Based Attenuation Correction in Dedicated PET/MR Breast Coil for PET/MR Mammography	CHO, Ihnho	
[31] SiPM-MAROC Gamma-Camera Prototype with Monolithic NaI(Tl) Scintillator	PHILIPPOV, Dmitry	
[30] Evaluation of Large-Area, Low-Noise, Arrays of SiPMs	GONZALEZ, Antonio	
[36] Attenuation Correction for Hybrid MR/PET Scanners: a Comparison Study	ROTA KOPS, Elena	
[60] PET/MR and SPECT/MR Multimodal Imaging Constructs: Direct Radiolabelling of Silica Shell Iron Oxide Nanorods for Use in Liver Imaging and Potential for Hyperthermia Therapy	BIGNELL, Hayley	
[65] Preliminary Evaluation of MRI-Derived Input Function for Quantitative Measurement of Glucose Metabolism in an Integrated PET-MRI	ANAZODO, Uduanna C	
[67] Long-Term Stability of the MR System of the Philips Ingenuity TF	TEUHO, Jarmo	
[13] Development of a PET Insert for Simultaneously Small Animal PET/MRI	WANG, Yingjie	
[17] Development of a MR-Compatible DOI-PET Detector Module	WEI, Qingyang	
[18] A Theoretical Comparison of Position Estimation Methods for Determining the Interaction Position of Gamma Rays in Monolithic Scintillators	GALASSO, Matteo	
[47] Evaluation of a SiPM Array Detector Coupled to a LFS-3 Pixellated Scintillator for PET/MR Applications	DAVID, Stratos	
[44] Alternating-Direction Method of Multipliers Estimation of Attenuation and Activity Distributions in Time-of-Flight Flat-Panel Positron Emission Tomography	HSU, Yueh	
[43] Performance Evaluation of Two SiPMs Arrays Coupled to Pixelated Scintillations for PET/MR Applications	GEORGIOU, Maria	
[40] PET/MR Attenuation Correction in Brain Imaging Using a Continuous Bone Signal Derived from UTE	LADEFOGED, Claes	

<b>[41] A Compact PET Detector Module Using SiPMs and MVT Digitizers</b>	ZENG, Chen Mr XI, Daoming Mr LIU, Xiang	
<b>[5] The Potential of TOF PET-MRI for Reducing Artifacts in PET Images</b>	IAGARU, Andrei	
<b>[9] A Close Link Between Metabolic Activity and Functional Connectivity in the Resting Human Brain</b>	PASSOW, Susanne	
<b>[78] New Nontoxic Double Information Magnetic and Fluorescent MRI Agent.</b>	VAISNORAS, Rimas	