

7th Conference on PET/MR and SPECT/MR

Tuesday, 22 May 2018

Session 8 - Poster Session I - Parking area (16:15 - 17:45)

-Conveners: Kris Thielemans

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[56] A web-based platform for multimodal data integration: the ARIANNA project	BOSCO, Paolo	2
[10] An Algorithm for Maximum-Likelihood Estimation of the Timing Resolution in TOF-PET	NIKULIN, Pavel	3
[8] Assessment of shielding materials for the add-on PET prototype	SUGA, Mikio	4
[2] Bayesian penalized likelihood reconstruction in PET/MR brain imaging: 11C-PE2I	SOUSA, João M.	5
[30] Effect of Brain MRI Coil Attenuation Map Processing on PET Image Quantification and Uniformity for the GE SIGNA PET/MR	MANAVAKI, Roido	6
[59] Feasibility of Quantitative Magnetic Resonance Fingerprinting in Ovarian Tumours for T1 and T2 Mapping	KAGGIE, Joshua Daniel	7
[4] Fractional perfusion: A simple semi-parametric measure for clinical translation of hyperpolarized 13C MR?	LAUSTSEN, Christoffer	8
[29] From SPM8-based to SPM12-based Attenuation Correction for Brain PET/MR Imaging	TEUHO, Jarmo	9
[66] IRIS projector model for monolithic detector based systems: proof of concept using a dedicated brain PET/MR device	IBORRA, Amadeo	10
[27] Implementation and Performance of FORE-FBP for Brain Imaging on the GE SIGNA PET/MR	FRYER, Tim	11
[36] Implementation of cylindrical PET scanners with block detector geometry in STIR	KHATERI, Parisa	12
[69] Longitudinal [18F]FDG PET-MRI at 9.4 Tesla in Twitcher mice using spatial normalization	CHOUDHARY, Poonam	13
[39] Magnetic Resonance Fingerprinting with dictionary-based fat and water separation (DBFW MRF)	CENCINI, Matteo	14
[60] Motion estimation and motion correction using EBER in simultaneous PET-MR imaging	MÉRIDA, Inés	15
[41] NEMA tests on a whole-body TOF PET/MR scanner with and without simultaneous MR pulse sequences	SCIFO, Paola	16
[32] Predicting the lower count limit for adequate scatter correction using dynamic data with low count frames on Siemens mMR	DALGAARD, Maya Ottilia	17
[47] Quantitative evaluation of the Mediso high resolution PET/CT-system LFER-150	ROSENQVIST, Göran	18
[54] Quantitative radial magnetic resonance fingerprinting in the animal brain	SAWIAK, Stephen	19
[25] Reduced Acquisition Time PET/MR Quantification: a comparison of tracer delivery estimation methods	SCOTT, Catherine	20

[12] Results of a multivariate analysis of Magnetic Resonance texture parameters for rectal cancer patient staging	MANCINI TERRACCIANO, Carlo	21
[42] SPECT and MRI evaluation increases understanding pathophysiology in a murine model of sepsis associated encephalopathy	MÁTHÉ, Domokos	22
[70] Schedule design for parameter quantification in the transient state using Bayesian optimization	FALLO, Giada	23
[6] The quantitative performance and optimal regularization parameter in BSREM reconstructions of clinical 68Ga-PSMA PET/MR	TER VOERT, Edwin	24
[31] Towards Implementing Multiparametric PET/MR for RT Planning in Head and Neck Cancer	OLIN, Anders	25
[76] On the Clinical Value of CNN-processed Ultra-low-dose Amyloid PET Reconstructions	CHEN, Kevin	26
[14] Evaluation of template-enhanced ZTE attenuation correction for PET/MR imaging	DELSO, Gaspar	27
[95] Optimization of the timing and energy resolution in a staggered dual layer PET detector	CARRA, Pietro	28