TOTAL BODY PET 2024

ORAL PRESENTATIONS

Thursday, 19 September 2024

TBPET 2024

RABO STUDIO, 1st Floor

ABSTRACT	DETAILS
Session 1	**12.30 – 13.00**
9	RONALD BOELLAARD (University Medical Center Amsterdam, NL) *Parametric analysis of dynamic large axial field of view FDG oncology PET/CT studies*
48	STEFAN WEIGEL (University Hospital Tuebingen, GER) *Comparison of Data-Driven and Image-Derived Motion Correction for [^{18}F]-SiFAlin-TATE and [^{18}F]-FDG Total-Body PET Imaging*
52	MAYA ABI AKL (Ghent University, BELG) *Design optimization and performance evaluation of a sparse Walk-Through PET*
Session 2	**15.00 – 16.00**
65	KONSTANTINOS DRYMAS VRAKIDIS (University Medical Center Amsterdam, NL) *Quantitative comparison of CT-free frameworks of PET imaging in LAFOV PET/CT systems*
8	JIM HAMILL (Siemens Healthineers) *Yttrium-90 PET Motion Correction Based On Singles Bremsstrahlung Measurements*
13	HASAN SARI (University Hospital Bern, CH) *Feasibility of ultra-low-dose PET scan protocols with a long axial field-of-view PET/CT scanner*
11	WILLIAM STEINBERGER (Siemens Medical Solutions, US) *Positronium Imaging in a Long-Axial Field-of-View PET Scanner*
30	PAWEL MOSKAL (Jagiellonian University, POL) *Constructing total-body J-PET: 250 cm long multi-photon PET from plastic scintillators*
77	MOSTAFA ROYA (University of Groningen, University Medical Center Groningen, NL) *Effects of bed motion and oblique coincidences on resolution and recovery coefficients of long axial field-of-view PET/CT*
Session 3	**17.00 – 18.00** **TOP ORAL PRESENTATIONS**
43	KEVIN CHUNG (University of California, Davis, US) *Total-Body Perfusion Imaging with High Temporal Resolution Kinetic Modeling of Early Dynamic ^{18}F-FDG PET*
54	KONSTANTINOS DRYMAS VRAKIDIS (University Medical Center Amsterdam, NL) *Tracking of Ultra-Low Activity Sources in LAFOV PET Using Histo-Images*
67	ANNA ÅHLSTRÖM (Uppsala University, SE) *Total-body perfusion imaging with ^{15}O-water using automated parametric analysis*
31	KARINE MADSEN (Copenhagen University Hospital, Rigshospitalet, DL) *No association between Cerebral and Cardiac Amyloid Accumulation measured with [^{11}C]PiB LAFOV PET/CT Imaging*
46	HASAN SARI (University Hospital Bern, CH) *Comparative Kinetic Modelling of Dynamic ^{68}Ga-PSMA-11 and 18F-PSMA-1007 PET Datasets using a Long Axial Field-of view PET Scanner: A Head-to-Head Analysis*
69	RUCHA RONGHE (University of Edinburgh, SCT) *Total-body PET imaging to study bone metabolism at systems level in health and in lung cancer*

TOTAL BODY PET 2024

ORAL PRESENTATIONS

Friday, 20 September 2024

RABO STUDIO, 1st Floor

ABSTRACT	DETAILS
Session 6	**15.00 – 16.00**
29	BRAM VAN LEER (University Medical Center Groningen, NL) *Long-axial field of view scanners enable routine PET imaging of critically ill patients: procedural recommendations*
19	CHARLOTTE SMITH (University Medical Center Amsterdam, NL) *Ultra-low fetal radiation exposure in ^{18}F-FDG PET/CT imaging with a long-axial field-of-view PET/CT system*
28	JENS MAEBE (Ghent University, BELG) *The effect of depth-of-interaction and missing projection angles on spatial resolution and elongation effects in a dual panel PET system*
72	CATRIONA WIMBERLEY (University of Edinburgh, SCT) *Factor analysis for signal separation of Total-body ^{18}F-FDG PET images*
40	FLORENCE MULLER (Ghent University, BELG, University of Pennsylvania, US) *Deep Learning Denoising in Patlak Parametric Imaging of Low-Dose Dynamic ^{18}F-FDG Data using PennPET Explorer*
10	RONALD BOELLAARD (University Medical Center Amsterdam, NL) *Spectral analysis of dynamic large axial field of view PET/CT studies*
Session 7	**17.30 – 18.00**
21	DEEPAK BHARKHADA (Siemens Healthineers) *Status of Quantitative FastPET and its Applications*
78	SAMANEH MOSTAFAPOUR (University Medical Center Groningen, NL) *Evaluation of healthy organ quantification using automatic segmentation in ultra-low-dose CT for total-body PET/CT imaging*
25	CHRISTOPH LUDWIG CLEMENT (University of Bern, CH) *Multi-Organ Segmentation on CT-free Total-Body Dynamic PET Scans*