

	Monday, 16th April	Tuesday, 17th April	Wednesday, 18th April	Thursday, 19th April	Friday, 20th April	
08:00 - 08:45			breakfast			
08:45 - 08:50	Welcome - Bertrand Tavitian	Automatic region of interest delineation and Partial volume correction - Claus Svarer, Copenhagen	Implementation and analysis of a list-mode algorithm using tubes of response on a dedicated breast PET - Laura Moliner, Torino	Data storage & analysis: "Opportunities and challenges in biomedical imaging research" - Wiro Niessen, Rotterdam	Development of imaging biomarkers for neurodegenerative diseases - Sebastien Ourselin, London	
08:50 - 08:55						
08:55 - 09:00			3D Inversion Recovery MEMRI using Super-Resolution Reconstruction - Esben Plenge, Rotterdam			
09:00 - 09:05	Educational Keynote Lecture Quantification of biomedical images using tracer kinetic modelling Adriaan Lammertsma	Parametric analysis of dynamic PET studies - Ronald Boellaard, Amsterdam	Iterative Reconstruction Techniques for Faster Scan Speed in Magnetic Resonance Imaging - Tobias Block, NY	Fully Automated Image Post-Processing of (f)MRI Data during an Imaging Session using a Remote Cluster - Eberhard Pracht, Cologne	Calibrated BOLD fMRI and Measuring Oxygen Metabolism - Daniel Bulte, Oxford	
09:05 - 09:10						
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09:50 - 09:55						
09:55 - 10:00			coffee break			
10:00 - 10:05	coffee break	High-resolution small animal PET imaging - Klaus Schäfers, Münster	Image Reconstruction: What makes optical imaging an ill-posed problem - Jorge Ripoll, Heraklion	The Open Microscopy Environment: Open Image Informatics for the Biological Sciences - Jean-Marie Burel, Dundee	Automatic spectral clustering for segmentation of dynamic PET images - Hiba Zbib, Tours	
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10:50 - 10:55			coffee break			
10:55 - 11:00				Optimal selection of imaging wavelengths for spectral unmixing - Martijn van de Giessen, Leiden		
11:00 - 11:05				break	best poster presentation - poster walk 2	
11:05 - 11:10	Educational Keynote Lecture Quantification of biomedical images using tracer kinetic modelling Adriaan Lammertsma	Quantification of presynaptic cardiac sympathetic function Using 11C-HED and PET: analysis and interpretation of simplified approaches - Sofia Gonçalves Antunes	Fast edge-preserving iterative image reconstruction method for fluorescence diffuse optical tomography using anatomical prior information - Teresa Correia	Image analysis challenges in multi-modal pre-clinical imaging studies - Boudewijn Leliveldt, Leiden	When Electrophysiology meets Neuroimaging: Magnetoencephalography - Jérémie Mattout, Lyon	
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11:55 - 12:00			Modelling in DCE-MRI - Paul Tofts, Brighton and Sussex	Optical Tracking System for Imaging Freely Moving Mice with the quadHIDAC Small Animal PET Scanner - Sönke Schmid, Münster		
12:00 - 12:05					conclusion - Bertrand Tavitian	
12:05 - 12:10						
12:10 - 12:15					lunch and departure	
12:15 - 12:20						
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12:25 - 12:30						
12:30 - 13:00			lunch			
13:00 - 15:45			break			
15:45 - 15:50	Educational Lecture on Principles of Optical Imaging: light emission, propagation and absorption by Jorge Ripoll, Heraklion	Key Note Lecture The Past Achievements of Brain PET and the Role of Quantification - Terry Jones	Multi-parametric phenotype profiling of 3D cell cultures for the classification of biologically active molecules - Zi Di, Leiden	Construction of a statistical mouse atlas for preclinical image analysis - Richard Taschereau, UCLA		
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16:40 - 16:45	coffee break	coffee break and Poster Session 1 (poster #16-29)	Beyond one's nose lecture Staffan Strömblad	Chances and Challenges of PET/MR imaging - Hans Wehrli, Tübingen		
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17:40 - 17:45	The General PET Compartment Model - Vincent Cunningham, Aberdeen	Seeing the invisible; Predicting the unexpected - Michal Irani, Rehovot	coffee break and Poster Session 2 (poster #1-15)	VINCI - Co-Registration of Rat Brains (PET-MR) - Stefan Vollmar, Cologne		
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18:30 - 18:35			break			
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18:40 - 18:45						
18:45 - 18:50	Application of non-steady state FDG-PET to study dynamic processes in vivo - Delphine Feuerstein, Cologne	Image reconstruction from projections in SPECT, PET and TOF-PET - Johan Nuyts, Leuven	Setup for simultaneous measurement of laser speckle flowmetry, rgb reflectometry and PET: validation and in vivo application - Markus Gramer, Cologne	Fast, Robust and Accurate extraction of time activity curves in rodent PET whole-body images - Renaud Maroy, Orsay		
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19:25 - 19:30						
19:30 - 19:35						
19:35 - 19:40			best poster presentation - poster walk 1			
19:40 - 19:45						
19:45 - 20:15	dinner		dinner			
20:15 - end	come together	come together	Discussion on the Future of PET - Terry Jones	reception by the Ecole		