

	Monday 1 February	Tuesday 2 February	Wednesday 3 February	Thursday 4 February	Friday 5 February						
07:45 - 08:45			breakfast								
08:45 - 08:50	Welcome   Bertrand Tavitian	Philip Elsinga - Imaging probes for cardiovascular imaging.	Jeanine Prompers - Multimodal imaging of cardiac metabolism in mouse models of heart failure.	Friedemann Kiefer - Approaches to image vascular development and disease in the mouse.	Nico de Jong - Cardiac tissue characterization based on ultrasound imaging of the physics.						
08:50 - 08:55											
08:55 - 09:00											
09:00 - 09:05	<b>Introductory talk - part I</b> <i>Plasticity of the neonatal- and the adult heart.</i> <b>Bernd Fleischmann</b>					Sven Hermann - Imaging the inflammatory response after myocardial infarction: First results of novel S100A9 specific probes labelled for FRI or SPECT imaging	Daniel Balvay - Quantification of arteriogenesis followed by in vivo MR angiography in a rabbit hind limb ischemic model.	Wolfgang Koestner - BLI/CT imaging of IFN-β reporter mice revealed contribution of hepatocytes to IFN-β responses in the liver after Coxsackievirus infection.	Anne Rix - Molecular ultrasound imaging of αvβ3-Integrin expression in carotid arteries of pigs after vessel injury		
09:05 - 09:10											
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09:35 - 09:40											
09:40 - 09:45											
09:45 - 09:50	Sophie Hernot - Forethought for using Macrophage Mannose Receptor as Target in Atherosclerosis	Moritz Wildgruber - Spatially resolved ex-vivo quantification of a gadolinium containing Magnetic Resonance Agent by Matrix-Assisted Laser Desorption Ionization Imaging (MALDI Imaging) – correlation to in-vivo MRI	Cyril Lorentzato - Multimodal nanoparticles functionalized with human antibody fragments designed for Magnetic Particle Imaging of atherosclerosis	Adelina Curaj - Noninvasive Molecular Ultrasound Monitoring of Endothelial Recovery Following Intravascular Surgical Procedures for Revascularisation							
09:50 - 09:55											
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10:35 - 10:40	coffee break	coffee break	coffee break	coffee break							
10:40 - 10:45											
10:45 - 10:50											
10:50 - 10:55											
10:55 - 11:00					<b>Introductory talk - part I</b> <i>Plasticity of the neonatal- and the adult heart.</i> <b>Bernd Fleischmann</b>	Stephan Nekolla - Hybrid cardiac imaging with PET/MR: a new kid on the block or here to stay?	Jessica Bastiaansen - Reporting live and broadcasting in full power: Hyperpolarized MR for metabolic imaging of the heart.	Vasilis Ntziachristos - Optical and Optoacoustic methods for next-generation Cardiovascular Imaging.	best poster presentation II		
11:00 - 11:05											
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11:40 - 11:45	<b>Introductory talk - part II</b> <i>Cardiovascular pathophysiology and clinical challenges for cardiovascular imaging.</i> <b>Michael Schäfers</b>	Vanessa Di Cataldo - What would be the optimal combination of inflammation imaging and tissue analysis for cardiovascular risk assessment? – A study in Non-Human Primates under atherogenic diet	Katrien Vandooime - MR Mapping of endothelial dysfunction in Cardiac Ischemia	Andrew Heinmiller - High frame-rate photoacoustic imaging of oxygen saturation in the mouse myocardium using ECG-gated kilohertz visualization	closing remarks						
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12:20 - 12:25											
12:25 - 12:30	walk to the restaurant	walk to the restaurant	walk to the restaurant	lunch and departure							
12:30 - 13:00											
13:00 - 16:15					break	break	break				
16:15 - 16:20											
16:20 - 16:25								<b>Introductory talk - part II</b> <i>Cardiovascular pathophysiology and clinical challenges for cardiovascular imaging.</i> <b>Michael Schäfers</b>	Frank Bengel - Imaging systems biology in cardiovascular disease.	Reza Razavi - Molecular imaging of cardiovascular disease - is it ready for clinical prime-time?	Klaus Schäfers - The challenge of imaging the moving heart with positron emission tomography: Motion compensation strategies for quantitative data analyses.
16:25 - 16:30											
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16:55 - 17:00											
17:00 - 17:05											
17:05 - 17:10	break	Lisa Honold - The extent of monocyte infiltration after myocardial infarction depends on the severity of the ischemic event – a SPECT cell tracking study using HoxB8-Monocytes	James Thackeray - Imaging of Endogenous Hematopoietic Bone Marrow Cell Trafficking after Myocardial Infarction in Mice using an Inducible Reporter Gene	Sasha Belenkov - In vivo Quantitative Assessment of Myocardial Structure, Function, Perfusion and Viability using Cardiac Micro-Computed Tomography.							
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17:50 - 17:55	<b>Adriaan Lammertsma -</b> Measurement of myocardial blood flow and perfusable tissue index.	Philippe Trochet - Multimodality Cardiovascular Imaging: Adding New Dimensions for Functional Assessment of Myocardial Infarction	Fabian Lohoefer - Assessment and precise quantification of post-infarction scar remodeling using the contrast agent Gadofluorine P and T1 mapping techniques	Jereon Essers - In vivo Quantitative Assessment of Myocardial Structure, Function, Perfusion and Viability using Cardiac Micro-Computed Tomography.							
17:55 - 18:00											
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18:35 - 18:40	end of the day discussion and expectations	Farouc Jaffer - Intracoronary molecular imaging of atherosclerosis and stents: Movement towards the Cath Lab.	Moriel Vandsburger - Multi-scale MRI of the heart: molecular methods for cell tracking and tissue characterization.	Michal Neeman - Imaging the role of Akt1 in angiogenesis and cardiovascular disease.							
18:40 - 18:45											
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19:15 - 19:30											
19:30 (sharp)	Welcome drink by the Ecole de Physique	end of the day discussion	end of the day discussion	end of the day discussion							
19:30 - 19:35											
19:35 - 19:40	dinner	dinner	dinner	"Savoyard dinner"							
19:40 - 19:45											
19:45 - 19:50	come together	come together	come together	come together							
19:50 - 19:55											
19:55 - 20:00	come together	come together	come together	come together							
20:00 - 20:05											
20:05 - 20:10	come together	come together	come together	come together							
20:10 - 20:15											
20:15 - end	come together	come together	come together	come together							
20:15 - 20:20											