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08:55 - 09:00	BREAKFAST																							
09:00 - 09:05	<p style="text-align: center;"><i>Welcome</i></p> <p style="text-align: center;">Part I: Biomedical Imaging Systems and the Role of Optics</p> <p style="text-align: center;">Introductory talk II</p> <p style="text-align: center;">Part II: Imaging unique Contrast Mechanisms with optics</p> <p style="text-align: center;">Brian Pogue, Dartmouth</p>	<p>Module 1: Imaging Technologies/Systems, and Hybrid Devices</p> <p>Non-linear microscopy, light sheet microscopy and micromanipulation</p> <p>Pablo Loza, Barcelona</p>	<p>Module 1: Imaging Technologies/Systems, and Hybrid Devices</p> <p>Optical Coherence Tomography and Endoscopy</p> <p>Wolfgang Drexler, Vienna</p>	<p>Module 3: Data analysis, image processing, and reconstruction</p> <p>Image Reconstruction Methods</p> <p>Brian Pogue, Dartmouth</p>	<p>Practical Work - track II</p> <p>In vivo optical image analysis</p>																			
09:05 - 09:10						<p>Module 1: Imaging Technologies/Systems, and Hybrid Devices</p> <p>Optoacoustic imaging of multi-scale in-vivo dynamics</p> <p>Daniel Razansky, Munich</p>	<p>Development of a clinically translatable hyperspectral endoscope using a line-scanning spectrograph configuration.</p> <p>Jonghee Yoon, Cambridge</p>	<p>Module 3: Data analysis, Image Processing, and Reconstruction</p> <p>Image Reconstruction Methods - Optoacoustics.</p> <p>Daniel Razansky, Munich</p>	<p>Practical Work - track I</p> <p>Microscopy image analysis</p> <p>Jordi Andilla, Barcelona</p>															
09:10 - 09:15										<p>POSTER SESSION I</p> <p>coffee break</p> <p>Imaging Technologies, - Systems, and Hybrid Devices</p> <p>(poster # 1-12)</p>	<p>Essential repressor functions of canonical NF-κB activation during acute and chronic T cell driven delayed-type hypersensitivity reactions (DTHR).</p> <p>Roman Mehling, Tübingen</p>	<p>Practical Work - track II</p> <p>Forward and Inverse Modelling in Diffuse Optical Tomography.</p> <p>Athanasios Zacharopoulos, Heraklion</p>												
09:15 - 09:20													<p>POSTER SESSION II</p> <p>coffee break</p> <p>Contrast Mechanisms</p> <p>(poster #15-18)</p> <p>Data Analysis, Image Processing, and Reconstruction</p> <p>(poster # 19-26)</p>	<p>HIGHLIGHTS and Looking into the Future</p> <p>Giannis Zacharakis, Heraklion</p>										
09:20 - 09:25															<p>2-photon (2P) microscopic imaging of tissue oxygenation within tumors and associated lymphatic vessels to assess its impact on cancer metastasis.</p> <p>Steffi Lehmann, Zurich</p>	<p>Farewell & Departure</p>								
09:25 - 09:30																	<p>Module 1: Imaging Technologies/Systems, and Hybrid Devices</p> <p>Intravital microscopy</p> <p>Peter Friedl, Nijmegen/New York</p>	<p>Module 2: Contrast Mechanisms</p> <p>Targeted fluorescent probes and biomarker imaging.</p> <p>Kai Licha, Berlin</p>						
09:30 - 09:35																			<p>Module 2: Contrast Mechanisms</p> <p>Optical imaging for targeted drug delivery.</p> <p>Twan Lammers, Aachen</p>	<p>Module 2: Contrast Mechanisms</p> <p>Genetically encoded tools for optical imaging</p> <p>Konstantin Lukyanov, Moscow</p>				
09:35 - 09:40																					<p>Hybrid photoacoustic and confocal laser scanning microscopy on the investigation of ciliary body anatomy.</p> <p>George Tserevelakis, Heraklion/Crete</p>	<p>Practical Work - track I</p> <p>Microscopy image analysis</p> <p>Application examples of segmentation & quantification</p> <p>Peter Friedl</p>		
09:40 - 09:45																							<p>Science speed-dating</p> <p>ALL PARTICIPANTS</p>	<p>Practical Work - track II</p> <p>In vivo optical image analysis</p> <p>Athanasios Zacharopoulos, Heraklion</p>
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09:50 - 09:55	<p>Module 1: Imaging Technologies/Systems, and Hybrid Devices</p> <p>Towards clinical Raman imaging: From ex-vivo to in-vivo Applications</p> <p>Jürgen Popp, Jena</p>	<p>Practical Work - track II</p> <p>In vivo optical image analysis</p> <p>Forward and Inverse Modelling in Diffuse Optical Tomography</p> <p>Athanasios Zacharopoulos, Heraklion</p>																						
09:55 - 10:00			<p>Module 1: Imaging Technologies/Systems, and Hybrid Devices</p> <p>Seeing in the dark - low light level imaging: Bioluminescence, Chemiluminescence and Cerenkov imaging.</p> <p>Jan Grimm, New York</p>	<p>Tumor-specific Intraoperative Pancreatic Cancer Detection Using Multimodality Molecular Imaging.</p> <p>Willemieke Tummers, Stanford/Leiden</p>																				
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