

Tuesday   15 March 2022				
room	room 01	room 02	room 03	room 04
08:00-08:30	room 01			
08:30-09:30				
09:30-13:00	Registration			
10:30-11:30	Science Speed-Dating <i>by youngESMI</i>			
11:30-13:00	PRO 01   Correlated Multimodal Imaging in Life Sciences by <b>COMULIS</b>	PRO 02   Challenges in Radiobiology & Radiation Oncology by <b>RadNet</b>		
13:00-13:30	Welcome Lunch Break			
13:30-15:00	ES 01   Educational Session <b>Synthesis of Probes per Imaging Modality</b>	ES 02   Educational Session <b>Optics &amp; Ultrasound Technologies</b>	ES 03   Educational Session <b>Standardisation of Preclinical and Translational Imaging</b>	ES 04   Educational Session <b>Cardiovascular Imaging</b>
15:00-15:30	Exhibition & Coffee Break			
15:30-17:00	ES 01   Educational Session <b>Synthesis of Probes per Imaging Modality</b>	ES 02   Educational Session <b>Optics &amp; Ultrasound Technologies</b>	ES 03   Educational Session <b>Standardisation of Preclinical and Translational Imaging</b>	ES 04   Educational Session <b>Cardiovascular Imaging</b>
17:00-17:15	Snack Break & Exhibition			
17:15-18:45	SG 01   Image-Guided Drug Delivery	SG 2   Hyperpolarized MRI	SG 03   Standardization in Small Animal Imaging	SG 04   Cardiovascular Imaging
18:45-20:15	SG 05   Onco-Immunology & Therapy	SG 06   Intra-Operative Imaging	SG 07   Lung & X-ray Imaging	SG 08   Neuroimaging
20:15-21:00				

Informal  
Gathering for  
Study Groups  
& young  
ESMI @  
Welcome  
Lounge

Wednesday   16 March 2022				
room	room 01	room 02	room 03	room 04
08:00-08:30	room 01 Registration			
08:30-09:30h	Expert 01   Academia meets Industry	Expert 02   Grant Application – Tips & Hurdles	Expert 03   Diversity in Science	
09:30-10:00	Welcome Coffee			
10:00-10:45	PL 00   <b>OPENING SESSION</b>			
10:45-11:30	PL 01   <b>OPENING LECTURE by Simon Cherry, UC Davis</b> Total-Body PET: A new tool for systems medicine			
11:30-13:00	PS 01   Understanding Tumour Biology	PS 02   Micro- & Macroscopic Optical Imaging Technologies	PS 03   Mechanisms of Remodeling in Cardiac/Pulmonary Diseases	PS 04   Imaging Metabolism
13:00-13:15				
13:15-14:15	LS 01   <b>MILabs</b> Industry Lunch Symposium	Exhibition & Lunch Break		
14:15-14:30				
14:30-16:00	PS 05   Image-guided Therapy   preclinical	PS 06   New Methods & Cross Modal Neuroimaging	PS 07   Imaging of Infections & Immune Responses	PS 08   Radiomics, Machine Learning & Artificial Intelligence
16:00-16:15				
16:15-17:00	PL 02   <b>Valentina Emiliana, Paris</b> Holographic manipulation of neuronal circuits			
17:00-17:30	Coffee Break & Exhibition			
17:30-19:00	PS 09   Theranostics & Therapy Monitoring	PS 10   Ultrasound & Optoacoustic Technologies	PS 11   X-Ray & PET/SPECT Probes	PS 12   Tissue Characterization by different Imaging Strategies   late-breaking
19:00-19:15	Poster Session prep			
19:15-21:00	<b>POSTER SESSION I</b> Opening Reception & Exhibition			

Thursday   17 March 2022				
room	room 01	room 02	room 03	room 04
08:00-08:30	room 01 Registration			
08:30-10:00	PS 15   New Tools for Cancer Imaging	PS 14   Functional Neuroimaging	PS 13   Systems Biology of Cardiac/Pulmonary Diseases	PS 16   MRI, Optoacoustic, US & Multimodal Probes
10:00-10:30	Coffee Break & Exhibition			
10:30-11:30	PL 03   <b>Carola Bibiana Schönlieb, Cambridge</b> From variational modelling to deep learning for biomedical imaging			
11:30-13:00	FS 01   Immuno-Therapy Imaging	FS 02   AI in Imaging Science	FS 03   Intra-operative Imaging	FS 04   Dynamic Adaptive Microscopy
13:00-13:15				
13:15-14:15	Exhibition & Lunch Break			Solidarity with Ukraine   What can we do?
14:15-14:30				
14:30-15:00	PL 04   <b>Floris Voskuil, Groningen</b> ( <i>ESMI Best PhD Thesis Award winner 2021</i> ) Clinical application of near infrared fluorescence imaging			
15:00-15:30	PL 05   <b>Ralph Weissleder, Boston</b> ( <i>ESMI Award winner 2022</i> ) Imaging beyond current possibilities			
15:30-15:45				
15:45-17:15	PS 17   Functional Brain Imaging   late-breaking	PS 18   Optical Probes	PS 19   X-Ray based Technologies	PS 20   Image Processing, Segmentation & Quantification
17:15-17:45	Coffee Break & Exhibition			
17:45-18:30	PL 06   <b>Axel Montagne, Edinburgh</b> Prediction of cognitive decline using contrast MRI			
18.30-19:30	IND 01   Industry Session by <b>PerkinElmer</b>			ESMI Members' Assembly
20:30h	EMIM 2022 Get-Together (tbc, check at registration for possible updates)			

Friday   18 March 2022				
room	room 01	room 02	room 03	room 04
08:00-08:30	room 01			
08:30-09:00	Registration			
09:00-10:30	PS 21   Immuno-Oncology	PS 22   Translational Image-Guided Surgery	PS 23   MRI & Hyperpolarization Technologies	PS 24   Anatomical, Microstructural & Metabolic Neuroimaging
10:30-10:45	Poster Session prep			
10:45-12:15	<b>POSTER SESSION II</b> Exhibition Lunch & Break			
12:15-13:15	PL 07-10   <b>EMIM 2022 Young Investigator Award Final (YIA)</b>			
13:15-13:45	<b>Awarding &amp; Farewell</b>			