

Total-Body PET2021 – Online Meeting

Wednesday, 22 nd September 2021		Thursday, 23 rd September 2021		Friday, 24 th September 2021	
Educational sessions		Session 1 – Conference roadmap and e-Poster		Session 3 - Emerging applications I	
13:00 – 15:00	[Lecture/Tutorial 1] Suleman Surti (University of Pennsylvania, USA): “Total-body PET system design”	13:00 – 13:30	Online meeting poster highlights TBC	13:00 – 13:30	Adriana Tavares (University of Edinburgh, UK): “Multi-organ kinetic modelling and connectome analysis for Total-Body PET” <i>Round table discussion</i>
	[Lecture/Tutorial 2] Adam Alessio (Michigan State University, USA): “Image reconstruction methods and challenges”	13:30 – 15:00	e-Poster session & networking	13:30-15:00	Proffered talks (n=6x10min + Q&A)
15:00 – 15:30	BREAK	15:00 – 15:30	BREAK	15:00 – 15:30	BREAK
15:30 – 17:30	[Lecture/Tutorial 3] Guobao Wang (UC Davis, USA): “Kinetic modelling and applications of Total-Body PET technology”	15:30 – 16:20	Proffered talks (n=3x10min + Q&A)	15:30 – 16:50	Proffered talks (n=5x10min + Q&A)
	[Lecture/Tutorial 4] Oliver Langer (Medical University Vienna, Austria): “Potential of Total-Body PET to Assess Drug Disposition”	16:20 – 16:40	Industry sponsored session 1	16:50 – 17:10	Industry sponsored session 2
	[Lecture/Tutorial 5] Antony Gee (King’s College London, UK): “Potential of Total-Body PET in radiotracer development”	16:40 – 17:30	Keynote speaker Axel Rominger (University of Bern, Switzerland): “Experience with Total-Body PET in a clinical Nuclear Medicine department” <i>Round table discussion</i>	17:10 – 17:30	Closing session Prof Stefaan Vandenberghe (Ghent University, Belgium) “What to expect from Total-Body PET in 2022?”
		Session 2 – Instrumentation		Session 4 - Emerging applications II	

Total-Body PET2022 – In person conference, Edinburgh, Scotland

Saturday, 24 th September 2022		Sunday, 25 th September 2022		Monday, 26 th September 2022	
14:00 – 17:00	Registration desk opens	8:00 – 9:20	Registration desk reopens	8:00 – 9:20	Registration desk reopens
17:00 – 17:10	Welcome Moira Whyte (Vice-Principal and Head of the College of Medicine and Veterinary Medicine, University of Edinburgh, UK)	9:20 – 10:00	Session 1 – ESMI-Plenary lecture Adriaan Lammertsma (Amsterdam University Medical Centre, Netherlands): “Kinetic modelling challenges in Total-Body PET imaging”	9:20 – 10:00	Session 4 – Plenary lecture Zahi A. Fayad (Icahn School of Medicine, Mount Sinai, USA): “Systems biology and noninvasive imaging of atherosclerosis”
17:10 – 18:10	Opening session Stefaan Vandenberghe (Ghent University, Belgium): “Total-body PET past, present and future of instrumentation” Patricia Price (Imperial College London, UK): “Total-body PET imaging: transforming the role of PET in oncology”	10:00 - 10:30	Coffee break	10:00 - 10:30	Coffee break
18:10 – 20:00	Opening reception	10:30 -11:30	Session 2 – Total-body PET imaging: instrumentation Roel van Holen (Ghent University, Belgium): “Total-Body PET rodent imaging” Joel Karp (University of Pennsylvania, USA): “Clinical and research opportunities with PennPET Explorer” Simon Cherry (UC Davis, USA): “EXPLORER and Beyond: Challenges and Opportunities for Total-Body Human Imaging”	10:30 – 11:50	Session 5 – Total-body PET imaging: emerging applications II Frank Bengel (Hannover Medical School, Germany): “The heart:brain axis” Abhijit Chaudhari (UC Davis, USA): “Musculoskeletal Total-Body PET imaging” Nicolas Tournier (INSERM/CEA, Centre Hospitalier Frédéric Joliot, France): “Estimating risk of drug-drug interactions with PET”
		11:30 – 12:30	Proffered talks (n=5x10min + Q&A)	11:50 – 12:50	Proffered talks (n=5x10min + Q&A)
		12:30 – 14:00	Lunch, site visit (Surgeons’ Anatomy Museum) and posters	12:30 – 14:00	Lunch, site visit (Surgeons’ Anatomy Museum) and posters
		14:00 – 15:00	Proffered talks (n=5x10min + Q&A)	14:00 – 15:30	Proffered talks (n=7x10min + Q&A)
		15:00 – 16:00	Session 3 – Total-body PET imaging: emerging applications I Elisabeth de Vries (University Medical Centre Groningen, Netherlands): “Translational oncology and total-body PET imaging to visualize the effects of immunotherapy” Marcus Hacker (Medical University Vienna, Austria): “Applied systems biology: whole body dynamics in small animals and humans” TBC	15:30 – 16:00	Session 6 – Closing session/highlights of the conference and future of Total-Body PET Terry Jones (UC Davis, USA): “Total-Body PET imaging: current and future applications”
		16:00 – 16:50	Proffered talks (n=4x10min + Q&A)	16:00 – 16:10	END of conference
		16:50 – 17:10	Coffee break		
		17:10 – 18:30	Industry sponsored session		
		19:00	Conference dinner NMS		