Wednesday 22nd (full day)

8.15 - 9.00	**Registration (*coffee and pastries*)**	
9.00 - 9.10	**Welcome**	
9.10 - 10.00	**Plenary**	
	Brian Pogue	*Dartmouth College, USA*
	Optical Guidance in Surgery & Radiation Therapy	
10.00 - 10.50	**SPIE Plenary**	
	Andrew Brown	*SPIE, USA*
	An SPIE View of Trends in Biophotonics	
10.50 - 11.10	Discussion	
11.10 - 11.30	***Coffee***	
11.30 - 13.00	**GLOBAL HEALTH AND INFECTION**	
	Chair: Brian Wilson and Dennis Matthews	
11.30 - 12.00	Andrew Blaikie	*University of St Andrews, UK*
	The Arclight - "Less is More" - a medical diagnostic tool for low re-source countries	
12.00 - 12.30	Beth Mills	*University of Edinburgh, UK*
	The development of fluorescence-based point-of-care diagnostics – design considerations for use in low resource settings	
12.30 - 13.00	Juergen Popp	*IPHT, Jena, Germany*
	Photonics for Infection	
13.00 - 13.15	Discussion	
13.15 - 14.15	***Lunch, Sands Restaurant***	
	Exhibition and Posters	
14.15 - 15.15	**ICOB Hot Topics Session**	
	Chair: Kishan Dholakia	
	Thomas Krauss	*University of York, UK*
	Nanophotonic biosensors-clever photonics in a small package	
	Malini Olivo	*A*STAR, Singapore*
	Skin inflammation imaging using Raster Scanning Optoacoustic Imaging and its quantitative analysis	
	Kirill Larin	*University of Houston, USA*
	Translational dynamic optical coherence elastography	
	Isla Barnard	*University of St Andrews, UK*
	Simulating Light-Tissue Interactions with MCRT	
15.15 - 16.15	**Breakout: Global Health and Infection**	
	Discussion Chairs: Dennis Matthews, Brian Wilson and Juergen Popp	

16.15 - 17.15	**Poster and Exhibition Session: *with coffee and refreshments***
17.15 - 18.30	**Free time**
18.30 - 20.00	***Welcome Reception, Ballroom*** ***Canapes and Drinks will be served***

Thursday 23rd (full day)

8.00 - 8.30	**Registration (*coffee and pastries*)**	
8.30 - 10.00	**ENVIRONMENT, FOOD AND DRINK**	
	Chair: Juergen Popp	
8.30 - 9.00	Andrew Abell ***Light activated molecular switches in chemical biology***	*CNBP, University of Adelaide, Australia*
9.00 - 9.30	Kate Bechtel ***Bridging the gap: what researchers can do to better the chances of successful transition from prototype to product***	*Triple Ring Technologies, USA*
9.30 - 10.00	Oliver Valet ***Industrial and Academic Applications of a Smart Single Microbe Raman Test Platform***	*mibic GmbH & Co. KG, Germany*
10.00 - 10.15	Discussion	
10.15 - 10.30	***Coffee***	
10.30 - 11.30	**Breakout: Environment/Food/Drink**	
	Discussion Chair: Juergen Popp	
11.30 - 12.15	**FUTURE TRENDS IN BIOPHOTONICS (1)**	
	Chair: Halina Rubensztein-Dunlop	
11.30 - 11.45	Kishan Dholakia ***Future perspectives for imaging at depth***	*University of St Andrews, UK*
11.45 - 12.15	David Sampson ***Polarisation-sensitive optical coherence tomography – here it comes again***	*University of Surrey, UK*
12.15 - 13.15	***Lunch, Sands Restaurant*** **Exhibition and Posters**	
13.15 - 14.45	**FUTURE TRENDS IN BIOPHOTONICS (2)**	
	Chair: Halina Rubensztein-Dunlop	
13.15 - 13.45	Chris Xu ***Deep and fast multiphoton microscopy***	*Cornell University, USA*
13.45 - 14.15	Daniele Faccio ***Deep-imaging with time-of-flight diffusive optical tomography***	*University of Glasgow, UK*
14.15 - 14.45	Andy Yun ***Laser particles for multiplexed cell tagging***	*Massachusetts General Hospital, Boston, USA*
14.45 - 15.00	Discussion	

15.00 - 15.15	***Coffee***	
15.15 - 16.00	**Breakout: Future Trends in Biophotonics**	
	Discussion Chair: Kishan Dholakia	
16.00 - 17.30	**Translation and Entrepreneurship Session**	
	Panel:	
	Ignatius Rasiah	*National University of Singapore, Singapore*
	Dennis Matthews	*UC Davis, USA*
	Brian Wilson	*University of Toronto, Canada*
	Kate Bechtel	*Triple Ring Technologies, USA*
19.00 for 19.20	***Pre-dinner drinks, Conservatory***	
	Conference Dinner, Ballroom	
	After dinner speaker: Miles Oglethorpe	*Historic Environment Scotland*

Friday 24th (Half day, ends after lunch)

9.00 - 9.30	**Registration (*coffee and pastries*)**	
9.30 - 11.00	**SHAPING PHOTONICS FOR NEUROSCIENCE**	
	Chair: Malini Olivo	
9.30 - 10.00	Silvia Paracchini	*University of St Andrews, UK*
	Shedding light on language related disorders	
10.00 - 10.30	Halina Rubensztein-Dunlop	*University of Queensland, Australia*
	Sculpted light for quantitative imaging of nano and microsystems	
10.30 - 11.00	Malte Gather	*University of St Andrews, UK*
	Microresonators and nanolasers to explore the biomedical world	
11.00 - 11.15	Discussion	
11.15 - 11.30	***Coffee***	
11.30 - 12.30	**Breakout: Shaping photonics for neuroscience**	
	Discussion Chair: Malini Olivo	
	Time to discuss and prepare white papers	
12.30	**Concluding remarks**	
	Lunch, Sands Restaurant	