Wednesday 22nd (full day)

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

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 — *CNBP, University of Adelaide, Australia* ***Light activated molecular switches in chemical biology***
9.00 - 9.30	Kate Bechtel — *Triple Ring Technologies, USA* ***Bridging the gap: what researchers can do to better the chances of successful transition from prototype to product***
9.30 - 10.00	Oliver Valet — *mibic GmbH & Co. KG, Germany* ***Industrial and Academic Applications of a Smart Single Microbe Raman Test Platform***
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 — *University of St Andrews, UK* ***Future perspectives for imaging at depth***
11.45 - 12.15	David Sampson — *University of Surrey, UK* ***Polarisation-sensitive optical coherence tomography – here it comes again***
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	***Pre-dinner drinks, Conservatory***	
19.20	***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 ***Shedding light on language related disorders***	*University of St Andrews, UK*
10.00 - 10.30	Halina Rubensztein-Dunlop ***Sculpted light for quantitative imaging of nano and microsystems***	*University of Queensland, Australia*
10.30 - 11.00	Malte Gather ***Microresonators and nanolasers to explore the biomedical world***	*University of St Andrews, UK*
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