

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 Arlight - "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 Malini Olivo Skin inflammation imaging using Raster Scanning Optoacoustic Imaging and its quantitative analysis Kirill Larin Translational dynamic optical coherence elastography Isla Barnard Simulating Light-Tissue Interactions with MCRT	University of York, UK A*STAR, Singapore University of Houston, USA University of St Andrews, UK

15.15 - 16.15	Breakout: Global Health and Infection <i>Discussion Chairs: Dennis Matthews, Brian Wilson and Juergen Popp</i>
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 <i>Chair: Juergen Popp</i>
8.30 - 9.00	Andrew Abell <i>CNBP, University of Adelaide, Australia</i> Light activated molecular switches in chemical biology
9.00 - 9.30	Kate Bechtel <i>Triple Ring Technologies, USA</i> Bridging the gap: what researchers can do to better the chances of successful transition from prototype to product
9.30 - 10.00	Oliver Valet <i>mibic GmbH & Co. KG, Germany</i> 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 and Drink <i>Discussion Chair: Juergen Popp</i>
11.30 - 12.15	FUTURE TRENDS IN BIOPHOTONICS (1) <i>Chair: Halina Rubinsztein-Dunlop</i>
11.30 - 11.45	Kishan Dholakia <i>University of St Andrews, UK</i> Future perspectives for imaging at depth
11.45 - 12.15	David Sampson <i>University of Surrey, UK</i> 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) <i>Chair: Halina Rubinsztein-Dunlop</i>	
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 <i>Discussion Chair: Kishan Dholakia</i>	
16.00 - 17.30	Translation and Entrepreneurship Session <i>Panel:</i> Ignatius Rasiah Dennis Matthews Brian Wilson Kate Bechtel	National University of Singapore, Singapore UC Davis, USA University of Toronto, Canada Triple Ring Technologies, USA
19.00	Pre-dinner drinks, Conservatory	
19.20	Conference Dinner, Ballroom After dinner speaker: Miles Oglethorpe Bridging the past with the future	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 <i>Chair: Malini Olivo</i>	
9.30 - 10.00	Silvia Paracchini Shedding light on language related disorders	University of St Andrews, UK
10.00 - 10.30	Halina Rubinsztein-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