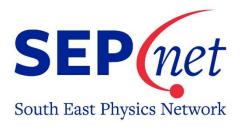
Programme

Day 1 ((06/11/2019)	Location
0930	Arrival, Registration and Exhibits	Reception
	Opening Session	
1000	Welcome: Richard Burguete; National Physical Laboratory	Auditorium
	Session 1: Enabling a Stronger Society Chair: Lewis Hill	
1015	Keynote : What has metrology ever done for me? Graeme Reid; Science and Research Policy, University College London	Auditorium
1045	Developing characterisation measurements for quantum key distribution Sophie Albosh; University of York	Auditorium
	Seeing sustainability from space using Earth observation data to populate sustainable development goal indicators Ana Andries; University of Surrey	
	The myriad applications of microresonators Michael Woodley; Heriot-Watt University	
	Accelerated ageing of polymer composites and the effect of moisture absorption on mechanical and chemical properties <i>Jasmine Bone; University of Surrey</i>	
	Poster Session 1 Chair: Minal Patel	
1145	1-minute Introduction	Auditorium
1200	Poster Viewing	Upstairs - Foyer
1230	Lunch and Poster viewing continued	Reception
1315	Conference Photo	Reception
	Session 2: Sustaining Our Environment Chair: Emma Braysher	
1330	Keynote : Measurement Scientists and Sustainability Chris France; University of Surrey	Auditorium
1400	Using Isotopic Signature of Methane in Budget Estimation Alice Drinkwater and Edward Chung; University of Edinburgh	Auditorium

	Modelling Energy Demand response using long-short term memory neural networks <i>Jose Mesa Jimenez; Brunel University London</i>	
	Mobile Air Quality Sampling in London UK Geoff Ma; University of Cambridge	
	Geo-polymer based stabilisers as an alternative to traditional stabilisers for flexible pavement construction <i>Hadi Abba; University of Surrey</i>	
	Poster Session 2 Chair: Edward Chung	
1500	1-minute Introduction	Auditorium
1515	Poster Viewing	Upstairs - Foyer
1545	Coffee	Reception
	Session 3: Creating Impact on Health Chair: Ben Webster	
1600	Keynote : The Importance of Metrology in the Application of Medical Imaging to Drug Development <i>Fred Wilson; Experimental Medicine Imaging, GlaxoSmithKline</i>	Auditorium
1630	Laser Desorption – Rapid Evaporative Ionisation Mass Spectrometry Platform for Tissue Imaging Daniel Simon; Imperial College London	Auditorium
	Validation of texture analysis in CT imaging Christopher Green; University of Surrey	_
	Raman metrology for live cell imaging Caitlin Thomson; University of Strathclyde	
	Implantable ultra-flexible bioelectronic mesh: reinvention of the cardiac pacemaker Danielle Cox-Pridmore; University of Surrey	
	Closing Session	
1730	Voting and Closing Remarks	Auditorium
1800	Close Day 1	Auditorium
1845	Drinks Reception and Conference Dinner	Park Hotel

Day 2 (07/11/2019)		Location
0930	Registration and coffee	Reception
1000	Welcome: Paddy Regan; University of Surrey, National Physical Laboratory	Auditorium
1015	Scene setting: Planning your career – getting the most out of today Vishanti Fox; Institute of Physics Veronica Benson; South East Physics Network	Auditorium
1045	Keynote : The physics of imaging and why it matters. A journey from 1.8 to 310.2K <i>Phil Marsden; Unitive Design and Analysis</i>	Auditorium
1115	Keynote: Impact through science Josephine Bunch; National Physical Laboratory	Auditorium
1145	Employer Elevator Pitch (10 x 5mins) Led by Veronica Benson, South East Physics Network	Auditorium
1245	Networking Lunch	Reception
1345	Career Panel (10 x 3 mins) Led by Vishanti Fox; Institute of Physics	Upstairs breakout room
1415	Break out into the Global Café (10 x 9mins) - refreshments provided	Upstairs breakout room
1545	Reflective Practice (60mins) Led by Amy Pearce; Institute of Physics	Auditorium
1645	Closing Remarks	Auditorium
1700	Depart	





IOP Institute of Physics

Posters

1 Numerical methods for efficiently solving fractionally damped wave equations Katie Baker, Herrick Watt University 2 Modelling and simulations of energy storage devices Joshue Bates; University of Surrey 3 A transfer and scattering matrix model of the NPL plane mirror differential Interferometer Angus Bridges; Cranellol University 4 Fast-neutron Induced fission studies for Nuclear Data measurements Rhian Canavari, University of Surrey 5 Is urban air quality improving? Understanding trends in combustion particles. Krzysztof Ciubek; King's College London 6 Design and Development of an X-ray Interferometer for Length Metrology Decian Cotter: University of Sambridge 7 Fibre-Optic pH Sensor Based on Silver Nanoparticles for Harsh Environments Shaon Debnati; University of Landon 1 Leonardo Del Binc; Horikovsky University of London 10 Uncertainty quantification in unsupervised learning David Fernandes: University of Barth 11 Proof of concept investigation for in-vivo verification of microbeam radiotherapy using high resolution pixelated detectors Sam Fynn; University of Birmingham 12 Can SPECT Resolution Be Considered Invariant in Partial Volume Correction? Rebecca Gillen; University of Surrey 13 Interfaboratory evaluation of MALLD and DESI MS1 in the CRUK Grand Challenge programme Melina Kyriaz; Imperial College London 14 Thereshold University of Surrey		
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