



08:30- 09:00	Registration, tea/coffee on arrival	
09:00 – 10:10	Conference opening (plenary) <span style="float: right;">Auditorium</span> <ul style="list-style-type: none"> <li>Welcome from Dr Luigi Occhipinti, Conference Chair</li> <li>Introduction to the Conference and Exhibition, Chris Rider, EPSRC Centre Director</li> <li>Keynote address: Prof. John Rogers, Northwestern University <i>Hybrid Approaches to Large-Area, Flexible Electronics</i></li> </ul> <p style="text-align: right;">CHAIR: Luigi Occhipinti</p>	
10:10 – 10:40	Tea/coffee, posters and exhibition	
10:40 – 12:45	Session 1: Large-Area Electronics Manufacturing 1 <span style="float: right;">Auditorium</span> <ol style="list-style-type: none"> <li>Prof. Elvira Fortunato, New University of Lisbon, (invited) <i>Metal oxide materials as a sustainable and viable alternative to low cost electronics</i></li> <li>Dr Adam Graham, Centre for Process Innovation, <i>A novel, solution based process, allowing large area roll to roll printing of light emitting electrochemical cells creating large scale luminaires</i></li> <li>Dr Dimitra Georgiadou, Imperial College London, <i>Adhesion lithography: a material-agnostic approach to the fabrication of nanoscale electronic devices</i></li> <li>Dr Thomas Kolbusch, Coatema Coating Machinery GmbH, <i>Technology challenges and opportunities in UV and Thermal Nano Imprint Lithography Roll to Roll for flexible hybrid electronics.</i></li> <li>Dr Paul Smith, Xerox Research Centre Canada (invited), <i>Developments in Flexible Electronics at Xerox</i></li> </ol> <p>CHAIR: Greg Whiting</p>	Session 2: IoT & Sensor Technologies <span style="float: right;">RF Pavilion</span> <ol style="list-style-type: none"> <li>Dr Iain Williams, Department for Environment, Food and Rural Affairs, <i>Sensors and the future of environmental monitoring</i></li> <li>Dr Woo Soo Kim, Simon Fraser University, <i>A 3D-printed Integrated Electro-chemical Sensor System</i></li> <li>Dr Suresh Garlapati, University of Manchester, <i>Solution processed, low power organic field-effect transistor based sensors</i></li> <li>Dr Iyad Nasrallah, University of Cambridge, <i>Low-voltage Polymer Transistors for High-Performance Solution-Processed Complementary Analogue Amplifiers on Foil</i></li> <li>Iain Sedgwick, Rutherford Appleton Laboratory, <i>Design and Manufacture of Large Area Sensors for Scientific Applications</i></li> </ol> <p>CHAIR: Ravinder Dahiya</p>
12:45 – 14:15	Lunch, posters and exhibition	
14:15 – 16:20	Session 3: Emerging Materials and Technologies <span style="float: right;">Auditorium</span> <ol style="list-style-type: none"> <li>Dr Simon Ogier, NeuDrive Ltd (invited), <i>High mobility, uniform performance organic semiconductor devices with applications in flexible displays and bio-sensor arrays</i></li> <li>Mansoor D'Lavari, Merck Chemicals Ltd, <i>Organic Electronics at Merck</i></li> <li>Dr Chris Evans, Peratech Holdco Ltd, <i>3D Force Sensing Innovation</i></li> <li>Alexandre Gaitis, Laboratoire des Composants Imprimés LITEN, <i>Stability and In Depth Characterization of Low-Voltage Organic Thin Film Transistors Based on Low-k/High-k Bilayer Dielectric</i></li> <li>Prof. Andrea Ferrari, University of Cambridge,(invited) <i>The Roadmap to Applications of Graphene and Related Materials</i></li> </ol> <p>CHAIR: Michael Turner</p>	Session 4: Wearable and Flexible Hybrid Electronics <span style="float: right;">RF Pavilion</span> <ol style="list-style-type: none"> <li>Jaap Lombaers, Holst Centre (invited) <i>Large-Area Electronics: roads to implementation</i></li> <li>Dr Francesca Bottacchi, FlexEnable, <i>Scalable, low cost, conformable organic LCDs on plastic enabled by high-performance OTFTs</i></li> <li>Dr Feras Alkhalil, PragmatIC, <i>Phase change memory for flexible electronics</i></li> <li>Prof. Ravinder Dahiya, Glasgow University, <i>Electronic Skin with Energy Autonomy and Distributed Neural Data Processing</i></li> <li>Dr Claudia Delgado Simao, Eurecat (invited), <i>Conformable electronics: materials, processes and integration towards robust hybrid printed devices on stretchable substrates</i></li> </ol> <p>CHAIR: Don Lupo</p>
16:20 - 19:00	Poster session and drinks reception	
	Poster prize Award	
	Gala dinner at Downing College (including transfer time to Cambridge)	

08:30 - 09:00	Tea/coffee	
09:00 – 10:10	<ul style="list-style-type: none"> <li>Introduction to day 2,, Chris Rider</li> <li>Plenary: Dr John Cocker, Centre for Process Innovation (CPI) <i>Trends in Healthcare: Opportunities for Printable Electronics</i></li> <li>Keynote Address: Dr Davor Sutija, Thin Film Electronics ASA, <i>Roll-based Manufacturing of NFC devices scaled to the Billions of Units enabling the Internet of Everything</i></li> </ul> <p style="text-align: right;">CHAIR: Luigi Occhipinti</p>	
10:10 – 10:40	Tea/coffee, posters and exhibition	
10:40 – 12:45	<p>Session 5: Energy Harvesting <span style="float: right;">Auditorium</span></p> <ol style="list-style-type: none"> <li>Prof. Steve Beeby, University of Southampton (invited) <i>Low temperature flexible materials for energy harvesting from textiles</i></li> <li>Dr Wenzhuo Wu, Purdue University, <i>Large-scale hybrid monolithic nanomanufacturing of liquid-solid heterojunction devices for self-powered smart skin</i></li> <li>Dr Miguel Carrasco, CDT Ltd (invited) <i>Progress in printable energy harvesting and storage devices</i></li> <li>Indrachapa Bandara, University of Surrey, <i>Low Temperature Meso-Structured Flexible Perovskite Single Junction Solar Cells</i></li> <li>Mathieu Bellanger, Lightricity (invited), <i>Ultra-high efficient Photovoltaic Energy Harvester for wearable devices</i></li> </ol> <p>CHAIR: Chris Rider</p>	<p>Session 6: Large-Area Electronics Manufacturing 2 <span style="float: right;">RF Pavilion</span></p> <ol style="list-style-type: none"> <li>Prof. Rodrigo Martins, New University of Lisbon (invited), <i>Sustainable hybrid materials applied to flexible electronics</i></li> <li>Chen Jiang, University of Cambridge, <i>All-inkjet-printed low-voltage bias-stress stable organic thin-film transistors</i></li> <li>Dr Daniel O'Connor, National Physical Laboratory, <i>Metrology for large area electronics: a roadmap</i></li> <li>Dr Bin Yang, Chester University, <i>Quality-Control of UV Offset Lithographically Printed Electronic-Ink by THz Technology</i></li> <li>Prof. Tim Claypole, Swansea University (invited), <i>Advanced Rheology and its application to large area printed electronics</i></li> </ol> <p>CHAIR: Catherine Ramsdale</p>
12:45 – 13:45	Lunch, posters and exhibition	
13:45 – 15:50	<p>Session 7: Large-Area Electronics Manufacturing 3 <span style="float: right;">Auditorium</span></p> <ol style="list-style-type: none"> <li>Dr Guangbin Dou, Imperial College London (invited), <i>Interconnection Technologies for Integration of Active Devices with Printed Plastic Electronics</i></li> <li>Dr João Manuel Carvalho Gomes, CeNTI, <i>Development of interactive automotive interiors with integrated printed electronic solutions</i></li> <li>Prof. Yu Liu, Jiangnan University, <i>Development of Intelligent Hybrid Platform for Direct Printing of Functional Patterns at Large-scale Flexible Substrate</i></li> <li>Dr Davide Deganello, Swansea University, <i>SIMLIFT Optimisation of Laser Induced Forward Transfer Resolution through both coating and laser parameters</i></li> <li>Dr Simon Tuohy, Oxford Lasers, <i>High-Speed Selective Laser Sintering of Ag nanoparticle inks on Flexible Substrates</i></li> </ol> <p>CHAIR: Tom Harvey</p>	<p>Session 8: Workshop Bioelectronics/Biosensors <span style="float: right;">RF Pavilion</span></p> <ol style="list-style-type: none"> <li>Prof. George Malliaras, University of Cambridge (invited), <i>Implantable electrophoretic devices for localized drug delivery</i></li> <li>Prof. Xian Huang, Tianjin University (invited). <i>Printed flexible sensors integrated with metal organic frameworks</i></li> <li>Dr John Hardy, Lancaster University, <i>Multiphoton fabrication of bioelectronic biomaterials for neuromodulation (MFBBN)</i></li> <li>Prof. Luisa Torsi, Università degli Studi di Bari "Aldo Moro" (invited) <i>Organic bioelectronics for bio-chemical detections at ultra-low detection limits</i></li> <li>Panel discussion: Biosensors and bioelectronics - opportunities in future diagnostics</li> </ol> <p>CHAIR: Luisa Torsi/Luigi Occhipinti</p>
15:50 - 16:00	Concluding remarks (Dr Luigi Occhipinti, Conference Chair)	

