Day 1

08:30- 09:00	Registration, tea/coffee on arrival	
09:00 – 10:10	**Conference opening (plenary)** • Welcome by Dr Luigi Occhipinti, Conference Chair • Introduction by Chris Rider, EPSRC Centre Director • Keynote address: Prof. Zhong Lin Wang, **Georgia Tech** *Nanogenerators for self-powered flexible electronics and piezotronics for active human-machine interfacing*	
10:10 – 10:40	Tea/coffee, posters and exhibition	
10:40 – 12:45	**Session 1: Materials** 1. Invited speaker: Dr Hagen Klauk, **Max Planck Institute** *Megahertz flexible low-voltage organic thin-film transistors* 2. Invited speaker: Dr Pawel Miskiewicz, **Merck Chemicals** *Performance materials* 3. Dr Sean Butterworth, **Promethean Particles** *Novel industrial scale continuous production of silver and copper nanoparticles for conductive inks* 4. Dr Georgios Liaptsis, **CYNORA** *Improved stability of blue TADF emitters with EQE > 10% to replace fluorescent blue emitters* 5. William R Taube Navaraj, **University of Glasgow** *Metal-assisted chemical etched Si nanowires for high-performance Large Area Flexible Electronics*	**Session 2: Manufacturing 1** 1. Invited speaker: Dr James Semple, **Imperial College London** *Engineering the world's largest nanofeature for fast, printed diodes on plastic* 2. Dr Kornelius Tetzner, **Imperial College London** *Rapid fabrication of solution-processed metal oxide transistors via photonic processing at room temperature* 3. Dr Dimitris Karnakis, **Oxford Lasers** *Ultrafast laser processing for organic thin film transistor manufacturing* 4. Thomas Cosnahan, **University of Oxford** *Vacuum flexographic patterning of sacrificial oil for organic transistor aluminium contacts* 5. Thomas Kolbusch, **Coatema GmbH** *Process technologies for printed electronics: an overview of the latest trends and developments*
12:45 – 14:15	Lunch, posters and exhibition	
14:15 – 16:20	**Session 3: Bioelectronics** 1. Invited speaker: Prof. Róisín Owens, **École des Mines de Saint-Étienne** *Upping the ante for organic bioelectronics; integration with 3D tissue models* 2. Invited speaker: Prof. Fabio Biscarini, **UNIMORE/Scriba Nanotecnologie** *Electrolyte-gated organic field effect transistors: fundamentals and applications to biosensing* 3. Invited speaker: Dr Daniel Chew, **Galvani Bioelectronics (a GSK subsidiary)** *Road mapping bioelectronic medicine – neural interface applications* 4. Invited speaker: Dr Mark Fretz, **CSEM** *ACTION - ACTive Implant for Optoacoustic Natural sound enhancement* 5. Dr John Hardy, **Lancaster University** *Multiphoton Fabrication of Bioelectronic Biomaterials for Neuromodulation (MFBBN)*	**Session 4: Energy Harvesting & Storage** 1. Invited speaker: Dr Manuel Pinuela, **Drayson Technologies** *Intelligent IOT networks for future cities* 2. Invited speaker: Dr Claudio Marinelli, **Eight19** *Commercialising organic photovoltaic – manufacturing and applications* 3. Dr Jeff Kettle, **Bangor University** *Accelerated testing for predictive ageing in organic solar cells for outdoor applications* 4. Dr Harrison Lee, **Swansea University** *Large area organic photovoltaic module for indoor applications* 5. Dr Stuart G. Higgins, **Imperial College London** *Overcoming the challenges of using organic diodes for energy harvesting*
16:20	Poster reception, followed by poster prize presenation at 18:00	
19:00	Transport to dinner venue	
19:45	Gala dinner at Downing College	

Day 2

08:30 - 09:00	**Tea/coffee**	
09:00 – 10:10	**Plenary session** **Chair:** Dr Luigi Occhipinti, University of Cambridge • Welcome to day 2 by Chris Rider, EPSRC Centre Director • Plenary address: Dr Jon Helliwell, **CPI** *The innovation process: practical support for the Large Area Electronics community* • Keynote address: Dr Gregory Whiting, **Google [X]** *Printed, flexible and transient electronics for distributed systems*	
10:10 – 10:40	**Tea/coffee, posters and exhibition**	
10:40 – 12:45	**Session 5: IOT & Sensor Technologies** 1. Invited speaker: Dr Daniel Tate, **University of Manchester** *Low power OFET based sensors for IoT applications* 2. Invited speaker: John Biggs, **ARM** *PlasticARM: challenges in flexible printed VLSI* 3. Dr Iyad Nasrallah, **University of Cambridge** *Low-voltage polymer transistors for high-performance solution-processed complementary analogue amplifiers on foil* 4. Dr Gianluca Bovo, **CDT** *Solution processed organic photodetectors and integrated sensors* 5. Dr Tiziano Agostinelli, **FlexEnable** *Security tags Enabled by near field Communications United with Robust Electronics (SECURE)*	**Session 6: Manufacturing 2** 1. Invited speaker: Dr Catherine Ramsdale, **PragmatIC** *Moving towards mass manufacture* 2. Invited speaker: Prof. Rhodri Williams, **Swansea University** *Advanced Rheological Characterisation of functional inks for printed electronics (PE) applications yields improved prediction of line width accuracy and electrical performance* 3. Invited speaker: Prof. Luis Pereira, **Universidade Nova de Lisboa** *Printed oxide nanoparticles based devices on paper substrates* 4. Prof. Carlos Bufon, **Brazilian Nanotechnology National Laboratory** *Three-dimensional organic conductive networks embedded in paper for flexible and foldable devices* 5. Raj Bhakta, **North Carolina State University** *Direct-jet printed flexible interconnects on films and textiles*
12:45 – 13:45	**Lunch, posters and exhibition**	
13:45 – 15:50	**Session 7: Flexible Hybrid Systems** 1. Invited speaker: Dr Ton van Mol, **Holst Centre** *Imperceptible electronics* 2. Dr Michael Renn, **Optomec** *3D printing of flexible and stretchable interconnects* 3. Dr Aoife Celoria, **Novacentrix** *Smart wearables and stretchable/ultra-flexible electronics* 4. Dr Abhijeet Sangle, **University of Cambridge** *2D printed flexible and scalable thermoelectric power generators for wearable applications* 5. Dr Fernando Castro, **National Physical Laboratory (NPL)** *Challenges in testing the reliability of printed and flexible electronics*	**Workshop: E-Fibres/e-textiles** • Workshop keynote: Prof. Jong Min Kim, **University of Cambridge** *1D Nanofibre Electro-Optic Networks (1D-NEON)* 1. Invited speaker: Dr Paolo Canonico, **SAATI** *e-textile and Strategic Innovation and Research agenda for European textile and clothing industry* 2. Invited speaker: Mark Pedley, **SmartLife Inc.** *Wellbeing without walls* The presentations will be followed by a panel discussion moderated by Dr Luigi Occhipinti. The panel will be made up of the above three speakers and Koen van Os from Philips Lighting Research and Lars-Christian Heinz from LG Technology Center Europe.
15:50 - 16:00	**Concluding remarks (Dr Luigi Occhipinti, Conference Chair)**	