Day 1 - Wednesday 21st February 2024

08:00	Registration - Browse the Posters and Exhibition Stands		
09:00	**Introduction**	Dr Tim Phillips, innoLAE 2024	Welcome to Day 1
09:10	**Session 1**	Gold Sponsor Presentation - LinkZill	
09:20	**Keynote 1**	Prof Jonathan Rivnay, Northwestern University	Organic mixed conductors for bioelectronics
10:05	Break - Sponsor Exhibitions & Posters		

10:35	**Session 2**	**Manufacturing I**	**Session 3**	**Bioelectronics I**
	2.1	**Prof Thomas Anthopoulos, University of Manchester (Invited)** Nanomanufacturing paradigms for sustainable large-area electronics	3.1	**Prof Fabio Cicoira, Polytechnique Montreal (Invited)** Self-healing, stretchable and recyclable electronics
	2.2	**Mariana Cortinhal, Universidade NOVA de Lisboa** Multilayer gate dielectrics deposited by atomic layer deposition for low-temperature and low-voltage oxide thin-film transistors	3.2	**Dr Scott Keene, University of Cambridge** Mixed ionic-electronic transport in conjugated polymers for bioelectronics
	2.3	**Dr Prakash Karipoth, University of Leeds** Direct writing of strain sensors on soft robots with aerosol jet printing	3.3	**Dr Ying Fu, University of Strathclyde** Development of bioelectronics for highly sensitive detection of biomarkers
	2.4	**Catarina Ribeiro, University of Minho** Printed electronics using fused filament fabrication for thermoforming applications	3.4	**Prof Dr Jean Manca, X-LAB / Universiteit Hasselt** Biological nanofibers towards biodegradable electronics and e-biologics
	2.5	**Dr Zixin Wang, IDTechEx** Technologies and markets of 3D/additive electronics	3.5	**Ruben Ruiz-Mateos Serrano, University of Cambridge** High-density, conducting polymer electrode arrays for advanced cardiac disease diagnosis

12:40	Lunch - Sponsor Exhibitions & Posters		
14:00	**Session 4**	Gold Sponsor Presentation - Paragraf	
14:10	**Keynote 2**	Prof Alberto Salleo, Stanford University	Ions, electrons and polymers: fast ion insertion towards GHz iontronics
14:55	Break - Sponsor Exhibitions & Posters		

15:25	**Session 5**	**Novel Devices & Systems I**	**Session 6**	**Bioelectronics II**
	5.1	**Prof Sayani Majumdar, Tampere University (Invited)** Low-thermal budget ferroelectric devices for neuromorphic computing and adaptive sensing	6.1	**Simon McMaster, Footfalls & Heartbeats (Invited)** Knitting the future
	5.2	**Prof Cecilia Mattevi, Imperial College London (Invited)** A platform of 3D printed energy storage devices to power wearable sensors	6.2	**Dongxun Lyu, University of Cambridge** Exploring Ion gating of conducting polymer PEDOT:PSS by Operando NMR Spectroscopy
	5.3	**Carme Martinez-Domingo, Institut de Ciencia de Materials de Barcelona** Ultrahigh sensitive direct X-ray detectors employing transistors based on a fully organic small molecule semiconductor/polymer blend active layer	6.3	**Prof Sahika Inal, King Abdullah University of Science and Technology (KAUST) (Invited)** Responsive polymeric mixed conductors for diagnostics and therapy
	5.4	**Dr Sarah-Jane Potts, Swansea University** Enhancing the performance of the mesoporous screen-printed layers in printed perovskite photovoltaics through novel rheological analysis techniques	6.4	**Faustyna Brańko, IQ Biozoom** Ink-jet printed thin-film transistor for a non-invasive glucose monitoring device
	5.5	**Bowen Liu, Tsinghua University** A 1024-channel neurostimulation system enabled by organic thin-film transistors with high uniformity	6.5	**Jon Harwell, University of Glasgow** Transfer printing for fully biodegradeable PCBs with ultralow sheet resistance and narrow track width

17:30	Networking Reception with drinks & snacks		
19:00	Walk across the road to The Hall		
19:20	Gala Dinner		
22:00	Walk Back To Cripps Court Conference Centre		
	Day 1 Ends		

Day 2 - Thursday 22nd February 2024

09:00	**Session 7**	Dr Tim Phillips, innoLAE 2024	Welcome to Day 2	
09:05	**Keynote 3**	Prof Ana Claudia Arias, University of California, Berkeley	Tracking nitrogen in soil with printed electronics	
09:50	Break - Sponsor Exhibitions & Posters			
10:20	**Session 8**	**Novel Devices & Systems II**	**Session 9**	**High Performance Materials I**
	8.1	Prof Tina Ng, University of California San Diego (UCSD) (Invited) Reinforced interfaces to realize multifunctional supercapacitors	9.1	Dr Yan Wang, University of Cambridge (Invited) Ultra clean interfaces on two dimensional semiconductors
	8.2	Dr Chiara Labanti, Cambridge Display Technology (CDT) SWIR organic photodetectors for imaging applications	9.2	Prof Martin Heeney, King Abdullah University of Science and Technology (KAUST) Development of conjugated polymers for bioelectronic applications
	8.3	Nishadi Perera, Nottingham Trent University Design and development of micro-pressure sensors embedded textiles	9.3	Prof Henning Sirringhaus, University of Cambridge Effects of processing-induced contamination on organic electronic devices
	8.4	Zixing Peng, University of Manchester Fully printed 2D material-based memristors	9.4	Rebecca Coleman, Paragraf Optimising the fabrication of high-performance graphene Hall effect sensors
	8.5	Prof Sébastien Sanaur, Ecole des Mines de Saint-Etienne Contact resistances in short channel organic electrochemical transistors	9.5	Prof Francisco Molina-Lopez, KU Leuven Laser-printed bismuth telluride-based ultraflexible thermoelectrics for the IoT
12:25	Lunch - Sponsor Exhibitions & Posters			
14:00	**Session 10**	Sponsor Presentation		
14:10	**Keynote 4**	Dr Carl Naylor, Intel	Is the future 2D?	
14:55	Break - Sponsor Exhibitions & Posters			
15:25	**Session 11**	**Manufacturing II, High Performance Materials II and Novel Devices & Systems III**	**Session 12**	**Applications and Sustainability & Energy Efficiency**
	11.1	Prof Beatrice Fraboni, University of Bologna (Invited) Large area flexible detectors for real-time dose monitoring during radio/proton therapy	12.1	Dr Eleonora Macchia, University of Bari / Åbo Akademi University (Invited) Single-molecule bioelectronic sensor: improving reliability with machine learning approaches
	11.2	Pedro Moreira, NOVA School of Science and Technology (FCT-NOVA) Inkjet printing of non-critical raw materials for thin film transistor application	12.2	Dr Hugh Glass, Paragraf Mapping current in battery systems using graphene Hall effect sensors
	11.3	Francis Lockwood Estrin, University College London Single-step printed circuitry deposited via Atmospheric Pressure Plasma Jet(APPJ)	12.3	Dr Quentin Jeangros, CSEM Large-area perovskite thin films for energy harvesting, lighting and visual light communication
	11.4	Matthew Spink, Nottingham Trent University Laser annealing and infra-red spectroscopic ellipsometry: promising alternatives for manufacturing and quality control for LAE	12.4	Harry Delalis, FlexEnable Enhancing augmented reality with flexible liquid crystal dimming technology
	11.5	Dr Stefano Pecorario, University of Cambridge Enhancing charge transport in Sn-based halide perovskites thin films for high-mobility field-effect transistors and thermoelectrics	12.5	Dr Tim Mortensen, Haydale Functionalised graphene in underfloor heating
17.30	**Session 13**	**Speaker Prize** Sponsored by LinkZill		
		Poster Prize Sponsored by Paragraf with prizes supplied by The Royal Society of Chemistry		
17:50	Conference Ends			