



Monday 6 November 2023

11:30	Registration and refreshment
12:00	Lunch
12:45	Welcome and introductions Youhei Takeda, <i>Chair of Scientific Committee</i>
12:55	Outline of Discussion format <i>Royal Society of Chemistry Publishing Editors</i>
13:00	Spiers Memorial Lecture (Session chair: tbc) Luisa Torsi <i>Università degli Studi di Bari, Italy</i>
14:00	Comfort break (no refreshments)
	Session 1: Organic neuromorphics and bioelectronics (Session chairs: Nobuhiro Yanai, Aiko Fukazawa)
14:15	Polymeric integration of structure-switching aptamers on transistors for histamine sensing Nako Nakatsuka <i>ETH Zürich, Switzerland</i>
14:20	An organic transistor for detecting the oxidation of an organic sulfur compound at a solid-liquid interface and its chemical sensing applications Yui Sasaki <i>The University of Tokyo, Japan</i>
14:25	The unexpected fast polymerization during the synthesis of a glycolated polythiophene Christine Luscombe <i>Okinawa Institute of Science and Technology, Japan</i>
14:30	Discussion
16:15	Break
	Session 2: Organic Batteries (Session chairs: Przemyslaw Data, Peter Skabara)
16:45	Optoelectronic conversion and polarization hysteresis in organic MISM and MISIM devices with DA-type single-component molecules Kunio Awaga <i>Nagoya University, Japan</i>
16:50	A phenazine-based conjugated microporous polymer as a high performing cathode for aluminium–organic batteries Rebeca Marcilla <i>IMDEA Energy Institute, Spain</i>
16:55	Reducing undesired solubility of squarephaneic tetraimide for use as an organic battery electrode material Florian Glöcklhofer <i>Imperial College London, UK</i>
17:00	Discussion
18:15	Lightning presentations (by invitation of the Scientific Committee)
18:45	Poster session and wine reception
20:15	Close of session

Tuesday 7 November 2023

	Session 3: Excitonic organic materials for photochemical and optoelectronic applications (Session chair: Nobuhiro Yanai)
09:30	Singlet fission is incoherent in pristine orthorhombic single crystals of rubrene: no evidence of triplet-pair emission Jenny Clark <i>Sheffield University, UK</i>
09:35	Excited-state dynamics of C₃-symmetric heptazine-based thermally activated delayed-fluorescence emitters Zachary Hudson <i>The University of British Columbia, Canada</i>
09:40	Effects of halogen atom substitution on luminescent radicals: a case study on tris(2,4,6-trichlorophenyl)methyl radical-carbazole dyads Ken Albrecht <i>Kyushu University, Japan</i>
09:45	Morphology, dynamic disorder, and charge transport in an indoloindole-based hole-transporting material from a multi-level theoretical approach Joaquín Calbo <i>Instituto de Ciencia Molecular (UV), Spain</i>
09:50	Discussion
11:30	Break
	Session 3 Contd: Excitonic organic materials for photochemical and optoelectronic applications (Session chair: Youhei Takeda)
12:00	Green-light wavelength-selective organic solar cells for agrivoltaics: dependence of wavelength on photosynthetic rate Yutaka Ie <i>Osaka University, Japan</i>
12:05	Luminescence mechanism analysis of a TADF molecule showing peculiar thermal behavior Youichi Tsuchiya <i>Kyushu University, Japan</i>
12:10	Discussion
13:00	Lunch
	Session 3 contd: Excitonic organic materials for photochemical and optoelectronic applications (Session chair: Przemysław Data)
13:45	Photocatalytic CO₂ reduction by topologically matched polymer-polymer heterojunction nanosheets Catherine Aitchison <i>University of Oxford, UK</i>
13:50	Diluted PEDOT:PSS for high-performance organic light-emitting devices with thermally activated delayed fluorescence emitters Guohua Xie <i>Xiamen University, China</i>
13:55	Amplified spontaneous emission from a liquid crystalline phase: anisotropic property and active modulation Yusuke Tsutsui <i>Kyoto University, Japan</i>
14:00	Spectrally narrow band-edge photoluminescence from AgInS₂-based core/shell quantum dots for electroluminescence applications Taro Uematsu <i>Osaka University, Japan</i>
14:05	Discussion
15:45	Break

	Session 4: Organic Thermoelectrics (Session chair: Przemysław Data)
16:15	High-performance n-type organic thermoelectrics enabled by modulating cyano-functionalized polythiophene backbones Xugang Guo <i>Southern University of Science and Technology, China</i>
16:20	Single-crystalline oligomer-based conductors modeling the doped poly(3,4-ethylenedioxythiophene) family Tomoko Fujino <i>The University of Tokyo, Japan</i>
16:25	Discussion
17:15	Close of Sessions
18:30	Pre-dinner drinks
19:00	Conference dinner

Wednesday 8 November 2023

	Session 4 Contd: Organic Thermoelectrics (Session chair: Peter Skabara)
09:30	Giant Seebeck effect over 0.1 V K⁻¹ – is this an intrinsic phenomenon in organic semiconductors? Masakazu Nakamura <i>Nara Institute of Science and Technology, Japan</i>
09:35	Controlling the thermoelectric properties of organo-metallic coordination polymers through backbone geometry Bob Schroeder <i>UCL, UK</i>
09:40	Study of the electron-doping mechanism in single-walled carbon nanotubes using dimethylbenzimidazole Tsuyohiko Fujigaya <i>Kyushu University, Japan</i>
09:45	Discussion
11:30	Concluding remarks lecture (Session Chair: Youhei Takeda) Hiroyuki Nishide <i>Waseda University, Japan</i>
12:10	Acknowledgements and poster prize presentation
12:15	Close of meeting

Please note as this is a draft programme some timings and titles may be subject to change.