

Monday 2nd June

8:00 – 8:45	Registration
8:50 – 9:00	John Morton (UCL), <i>Welcome & Safety Information</i>
Session 1	
9:00 – 9:40 Plenary talk	Sabine Van Doorslaer (University of Antwerp) <i>Exploiting the EPR toolbox in copper(II) chemistry</i>
9:40 – 10:00	Bela Bode (University of St Andrews) <i>Investigating protein structure and function through para-magnetic substitution of native metal ions</i>
10:00 – 10:20	Eleanor Clifford (Imperial College London) <i>Characterisation of a semiquinone radical bound in the active site of respiratory complex I by hyperfine EPR spectroscopy</i>
10:20 – 10:50	Tea & Coffee
10:50 – 11:10	Joshua Harbort (CNRS & Université Aix-Marseille) <i>EPR and HYSCORE spectroscopic characterisation of the coordination of the ferric thiolate haem cofactor in a de novo designed protein mimicking natural cyt P450 monooxygenases</i>
11:10 – 11:30	Dima Svistunenko (University of Essex) <i>EPR can follow electron hole hopping in proteins - but can we design new routes?</i>
11:30 – 11:50	Daniel Klose (ETH Zürich) <i>Progress and challenges in combining EPR & DFT for chemical insights into Ti(III)-based catalysts</i>
11:50 – 12:10	Joshua Wort (University of Manchester) <i>Conformational dynamics and asymmetry in multimodal inhibition of membrane-bound pyrophosphatases</i>
12:10 – 13:40	Lunch
Session 2	
13:40 – 14:10 Invited talk	Enrico Salvadori (University of Torino) <i>Native and photo-induced paramagnetic species in carbon nitride photocatalysts</i>
14:10 – 14:30	Mikhail Agrachev (ETH Zürich) <i>EPR investigation of anionic vacancies: semiconductor physics and heterogeneous catalysis</i>
14:30 – 14:50	Andrei Kuzhelev (Goethe University Frankfurt) <i>High-field dynamic nuclear polarization in liquids: Toward biomolecular applications</i>
14:50 – 15:10	Stergios Piligkos (University of Copenhagen) <i>Population transfers in a molecular 4f qubit</i>
15:10 – 16:30	Poster Session 1 and Tea & Coffee
16:30 – 16:50 JEOL Prize	Jack Palmer (University of Oxford) <i>From charge-transfer states to separated charges: organic photovoltaics probed by transient and pulse EPR</i>
16:50 – 17:10 JEOL Prize	Annemarie Kehl (Max Planck Institute) <i>Frequency and time domain ¹⁹F ENDOR spectroscopy: role of nuclear dipolar couplings to determine distance distributions</i>
17:10 – 17:30 JEOL Prize	Hannah Eckvahl (Northwestern University) <i>Direct detection of the chirality induced spin selectivity effect in donor acceptor molecules</i>
17:30 – 18:00	Break
18:00 –	JEOL Reception

Tuesday 3rd June

Session 3	
9:00 – 9:40 Plenary talk	Sandrine Heutz (Imperial College London) <i>Exploiting spins in molecular semiconductors - from solar cells to quantum tech</i>
9:40 – 10:00	Alexander Schnegg (Max Planck Institute) <i>Zero-field splittings in metalloarsinidene and organobismuthinidene studied by FD-FT THz-EPR</i>
10:00 – 10:20	Graham Smith (University of St Andrews) <i>Wideband techniques in HF EPR</i>
10:20 – 10:50	Tea & Coffee
10:50 – 11:10	Yury Kutin (TU Dortmund University) <i>A monosubstituted C(0) atom in its triplet state: expanding the family of carbon-centred diradicals</i>
11:10 – 11:30	Naitik Panjwani (Freie Universität Berlin) <i>Bright triplet and charge-separated singlet excitons in organic diradicals enable optical addressability of spin states</i>
11:30 – 11:50	Jeannine Grüne (University of Cambridge) <i>High-spin state dynamics and quintet-mediated emission in singlet fission systems</i>
11:50 – 12:10	Kaltum Abdiaziz (Max Planck Institute) <i>Harnessing the potential of spectroelectrochemical EPR: design and application</i>
12:10 – 12:40 Invited talk	Alice Bowen (University of Manchester) <i>A tale of two light-induced EPR experiments</i>
12:40 – 13:30	Lunch
13:30 – 14:10	Bruker Demo
14:10 – 15:40	Poster Session 2 and Tea & Coffee
Bruker Thesis Prize	
15:40 – 15:50	Laudatio: Graham Smith
15:50 – 16:20	Yujie Zhao Massachusetts Institute of Technology
Bruker Thesis Prize	<i>Methodology development of high sensitivity pulsed EPR and DNP</i>
IES Young Investigator Award	
16:20 – 16:25	Laudatio: Marina Bennati
16:25 – 16:55	Nino Wili Aarhus University
IES Young Investigator	<i>Improved multi-pulse sequences for hyperfine spectroscopy and dynamic nuclear polarisation</i>
16:55 – 17:05	Break
17:05 – 18:05	IES General Assembly
18:05 –	Free Evening

Wednesday 4th June

Session 4	
9:00 – 9:40 Plenary talk	Emmanuel Flurin (CEA Saclay) <i>TBC</i>
9:40 – 10:00	Aharon Blank (Technion - Israel Institute of Technology) <i>Solid-state maser with microwatt output power at moderate cryogenic temperatures</i>
10:00 – 10:20	Siddharth Dhomkar (Indian Institute of Technology Madras) <i>Utilizing optimal magnetic field configurations for mitigating decoherence in optical spin defects</i>
10:20 – 10:50	Tea & Coffee
10:50 – 11:10	Fabio Donati (IBS Center for Quantum Nanoscience, Ewha Womans University) <i>Surface-ensemble electron spin resonance of ultra-thin YPc₂ films as a potential molecular spin qubit architecture</i>
11:10 – 11:30	Patrick Hogan (University College London) <i>Hyperpolarizing ²⁰⁹Bi:Si nuclear spins using superconducting microresonators</i>
11:30 – 11:50	Mantas Šimėnas (Vilnius University) <i>Superconducting spiral microresonators enable versatile high sensitivity EPR</i>
11:50 – 12:10	Hugo Karas (ETH Zürich) <i>autoDEER – fully automated DEER spectroscopy</i>
12:10 – 13:40	Lunch
Session 5	
14:00 – 14:30 Invited talk	Helena Knowles (University of Cambridge) <i>Electron spin resonance at the nanometre scale using diamond quantum sensors</i>
14:30 – 14:50	Ana Villanueva Ruiz de Temino (University College London) <i>EPR of trityl in p-Terphenyl-d14 at 20 milliKelvin in femtolitre volume micro-resonators</i>
14:50 – 15:10	Philipp Thielert (University of Freiburg) <i>Spin mixing in supramolecular light-induced multi-spin systems</i>
15:10 – 15:40	Tea & Coffee
15:40 – 15:50	Laudatio: Stephen Blundell
15:50 – 16:40 Bruker Prize	Stephen Hill Florida State University and National High Magnetic Field Laboratory <i>From molecular magnetic clusters to spin qubits: a high-field EPR spectroscopist's retrospective</i>
16:40 – 17:00	Break
17:00 – 19:00	London Riverwalk
19:00 –	Bruker Banquet

Thursday 5th June

Session 6	
9:30 – 10:00 Invited	Elisabetta Mileo (CNRS & Université Aix-Marseille) <i>In-cell EPR: A combined approach using nitroxide radicals, SDSL and EPR to probe protein behaviour within cells</i>
10:00 – 10:20 Contributed	Alexey Bogdanov (Weizmann Institute of Science) <i>F ENDOR as a means to determine the orientation of zero-field splitting tensor in Gd(III) chelates</i>
10:20 – 10:40 Contributed	Alistair Fielding (Liverpool John Moores University) <i>Rotamer library analysis and investigations of the properties of the bromoacrylaldehyde spin label</i>
10:40 – 11:10	Tea & Coffee
11:10 – 11:30 Contributed	Gabriela Ionita (Ilie Murgulescu Institute of Physical Chemistry) <i>Host-guest complexes of various nitroxides as potential contrast agents for OMRI applications</i>
11:30 – 11:50 Contributed	Janet Lovett (University of St Andrews) <i>Citius, Altius, Fortius: New spirocyclic nitroxide spin labels</i>
11:50 – 12:30 Plenary	Ilya Kuprov (Weizmann Institute of Science) <i>Instrumental effects in optimal control pulse design</i>
12:30 – 12:45	Closing Remarks and announcement of RSC ESR 2026
12:45	Conference Ends