

Grant Reference	Related Grants	Lead Theme	Principle Investigator	Grant Title	Organisation	GOW Link
EP/V049763/1		Physical Sciences	Moriarty, Professor PJ	A New Spin On Atomic Logic	University of Nottingham	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V049763/1
EP/V049712/1	EP/V049763/1	Physical Sciences	Kantorovich, Professor L	A New Spin On Atomic Logic	King's College London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V049712/1
EP/V048279/1		Physical Sciences	Teobaldi, Dr G	REDEEM-electrocat: Rethinking Electrode Design - Emergent Electronic and Magnetic effects in electrocatalysis	STFC - Laboratories	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048279/1
EP/V047752/1	EP/V048279/1	Physical Sciences	Cespedes, Dr O	ElecREDEEM-electrocat: Rethinking Electrode Design - Emergent Electronic and Magnetic effects in electrocatalysis	University of Leeds	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047752/1
EP/V048481/1	EP/V048279/1	Physical Sciences	Cowan, Professor AJ	REDEEM-electrocat: Rethinking Electrode Design - Emergent Electronic and Magnetic effects in electrocatalysis	University of Liverpool	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048481/1
EP/V047523/1		Physical Sciences	Krause, Professor S	3D Photoelectrochemical imaging in porous light-addressable structures	Queen Mary University of London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047523/1
EP/V048457/1		Physical Sciences	Klemencic, Dr G	A Diamond Bridge to Phase Slip Physics	Cardiff University	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048457/1
EP/V047124/1		Physical Sciences	Lam, Professor HW	A New Class of Hybrid Polyoxometalate Catalysts for C-H Functionalisation	University of Nottingham	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047124/1
EP/V048945/1		Physical Sciences	Speake, Professor CC	A new device for exploring the landscape of microscopic interactions	University of Birmingham	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048945/1
EP/V049062/1		Physical Sciences	Pugh, Dr E	A New Window for the Control and Measurement of Quantum Systems	University of Kent	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V049062/1
EP/V048058/1		Physical Sciences	Di Michele, Dr L	A programmable, cell-agnostic DNA nano-technology platform for CRISPR gene editing	Imperial College London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048058/1
EP/V048961/1		Physical Sciences	Cambeiro, Dr XC	Artificial photosynthesis strategies for synthesis: Combined photoredox and transition metal-catalysed transfer hydrogenation of C-C multiple bonds	Queen Mary University of London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048961/1
EP/V048090/1		Physical Sciences	Forse, Dr A	Charged Adsorbents for Capture of Carbon Dioxide Directly from Air	University of Cambridge	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048090/1
EP/V048147/1		Physical Sciences	Borri, Professor P	Creating super-scattering Raman-active genetically encoded proteins	Cardiff University	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048147/1
EP/V048805/1		Physical Sciences	Hedley, Dr G	Developing Quantum-Optical Measurements of Excitonic Coherence for Quantum Entanglement in Single Organic Molecules	University of Glasgow	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048805/1
EP/V048651/1		Physical Sciences	Elani, Dr Y	Dial-a-membrane: precision engineering of sub-micron self-assembled materials	Imperial College London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048651/1
EP/V04897X/1		Physical Sciences	Pugh, Dr DC	Dinitrogen Activation Using Heterobimetallic Complexes Supported by an Extended Cryptand Ligand	King's College London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V04897X/1
EP/V048589/1		Physical Sciences	Alexandrowicz, Professor G	Do single-bounce nuclear spin flips happen, and can they be measured?	Swansea University	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048589/1
EP/V047477/1		Physical Sciences	Gregory, Professor DH	Electride Materials Chemistry	University of Glasgow	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047477/1
EP/V048562/1		Physical Sciences	Nazir, Dr A	Embracing gauge-freedom in ultrastrong-coupling quantum electrodynamics	The University of Manchester	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048562/1
EP/V048368/1		Physical Sciences	Lawrence, Professor AL	Enantioconvergent Multi-Component Reactions.	University of Edinburgh	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048368/1
EP/V046322/1		Physical Sciences	Mackay, Dr T	Exciting Voigt surface waves	University of Edinburgh	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V046322/1
EP/V049291/1		Physical Sciences	Griffiths, Dr R	Expanding the Horizons of Imaging: Real-time Tracking of Drugs in the Brain	University of Nottingham	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V049291/1
EP/V047175/1		Physical Sciences	Kattnig, Dr D R	Explaining the avian compass through sustained quantum dynamics in driven, open three-radical systems	University of Exeter	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047175/1
EP/V048155/1		Physical Sciences	Sanderson, Dr JM	Exploiting Membrane Lipidation for Advanced Drug Delivery	Durham University	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048155/1
EP/V048996/1		Physical Sciences	McGinty, Dr J	Extreme volumetric imaging using single-shot optical tomography with compressive sensing	Imperial College London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048996/1
EP/V048775/1		Physical Sciences	Imrie, Professor C	Ferroelectricity and the nematic liquid crystal phase	University of Aberdeen	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048775/1
EP/V048449/1		Physical Sciences	Götte, Dr JB	Helicity-dependent quantum phases	University of Glasgow	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048449/1
EP/V047981/1		Physical Sciences	Unwin, Professor P	High Throughput Atom-by-Atom Electrochemistry	University of Warwick	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047981/1
EP/V049046/1		Physical Sciences	TAHIR, Dr AA	High-Throughput Fabrication and Characterisation for Discovery of Novel Energy Materials	University of Exeter	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V049046/1
EP/V047493/1		Physical Sciences	Shakeel, Dr H	In-situ Mass and Elasticity Monitoring of Emerging Materials at High Temperature	Queen's University of Belfast	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047493/1
EP/V047302/1		Physical Sciences	Cornish, Professor SL	Interfacing Ultracold Polar Molecules with Rydberg atoms: A Hybrid Platform for Quantum Science	Durham University	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047302/1

EP/V048554/1		Physical Sciences	Wright, Dr I A	Into a New Plane - Three-Dimensionally Delocalised Nano-Graphenes	Loughborough University	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048554/1
EP/V047035/1		Physical Sciences	Bruns, Professor N	Intracellular Controlled Radical Polymerizations	University of Strathclyde	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047035/1
EP/V048198/1		Physical Sciences	Morozov, Professor A	Lattice Models of Bacterial Turbulence	University of Edinburgh	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048198/1
EP/V048244/1		Physical Sciences	Brooks, Dr NJ	Life at the Extremes	Imperial College London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048244/1
EP/V04835X/1		Physical Sciences	Golovanov, Dr AP	Light-NMR spectroscopy: tools and applications	The University of Manchester	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V04835X/1
EP/V048953/1		Physical Sciences	Evans, Dr R C	Luminescent Waveguide Encoded Lattices (LWELs) for Indoor Photovoltaics	University of Cambridge	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048953/1
EP/V048295/1		Physical Sciences	Williams, Professor OA	Making a miniature Sun	Cardiff University	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048295/1
EP/V047000/1		Physical Sciences	Mclaughlin, Professor AC	Many Body Localisation in the Solid State for Finite Temperature Quantum Computing	University of Aberdeen	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047000/1
EP/V047329/1		Physical Sciences	Li, Professor M	Mechanistic Multiscale Co-crystal Dissolution Modelling	De Montfort University	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047329/1
EP/V046659/1		Physical Sciences	Layfield, Professor RA	Metal-organic frameworks as platforms for air-stable organometallic single-molecule magnets	University of Sussex	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V046659/1
EP/V048406/1		Physical Sciences	Carrington, Professor A	Microcalorimetry In Pulsed Magnetic Fields	University of Bristol	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048406/1
EP/V048112/1		Physical Sciences	Keerthi, Dr A	Molecular Engineering of Helical Nanoribbons	The University of Manchester	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048112/1
EP/V048686/1		Physical Sciences	Heeney, Professor MJ	Multielectron photoredox catalysts based on charge accumulation in conjugated macrocycles	Imperial College London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048686/1
EP/V049410/1		Physical Sciences	Rost, Dr A W	nanoscanCBT	University of St Andrews	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V049410/1
EP/V04902X/1		Physical Sciences	Martinez-Paneda, Dr E	Nanovoids for Developing New Hydrogen-resistant Materials (NanoHMAT)	Imperial College London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V04902X/1
EP/V048716/1		Physical Sciences	Tabak, Dr J	NetClamp: conducting neural network rhythms with mathematics	University of Exeter	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048716/1
EP/V048678/1		Physical Sciences	Moeller, Dr G	New architectures for topological superconductors	University of Kent	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048678/1
EP/V044060/1		Physical Sciences	Hutchings, Professor G	New catalysis for the utilisation of recalcitrant polysaccharides	Cardiff University	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V044060/1
EP/V048384/1		Physical Sciences	Lloyd-Jones, Professor G	New Horizons in the High Field NMR Interrogation of Transients: Techniques to Assemble Pulse and Analyse in Under One-Hundredth of a Second	University of Edinburgh	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048384/1
EP/V048929/1		Physical Sciences	Micklefield, Professor J	Next Generation Enzymatic and Integrated Catalytic Approaches for Amide Synthesis	The University of Manchester	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048929/1
EP/V049011/1		Physical Sciences	Sapienza, Dr L	On-chip bio-opto-mechanics: Controlling phonon-assisted processes in single biomolecules	University of Southampton	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V049011/1
EP/V047256/1		Physical Sciences	Woodward, Professor S	Organic Magnet Mediated Spintronic Heat-Energy Exchange	University of Nottingham	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047256/1
EP/V046683/1		Physical Sciences	Gillin, Professor WP	Organic Rare-Earth Single Photon Sources for Quantum Information Technology	Queen Mary University of London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V046683/1
EP/V047183/1		Physical Sciences	Collins, Dr B	Oscillating Photostationary States for Molecular Cargo Transport	University of Bristol	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047183/1
EP/V048309/1		Physical Sciences	Mountjoy, Dr G	Persistent phosphor glass: a demonstration of oxide nanocrystal doping of glasses for new functional materials	University of Kent	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048309/1
EP/V048872/1		Physical Sciences	Martynov, Dr D	Phase-insensitive amplifier for quantum measurements	University of Birmingham	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048872/1
EP/V048635/1		Physical Sciences	Wang, Dr X	Pushing Heterogeneous Catalysis into Biological Chemistry via Cofactor Regeneration	Lancaster University	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048635/1
EP/V04818X/1		Physical Sciences	Datta, Dr A	Quantum light spectroscopy of complex quantum systems	University of Warwick	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V04818X/1
EP/V049623/1		Physical Sciences	Mather, Professor M	QUERY: Integrated quantum and electron microscopy for nanoscale imaging and sensing	University of Nottingham	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V049623/1
EP/V046799/1		Physical Sciences	Leonori, Professor D	Re-Inventing Olefin Oxidation Using Visible-Light Photocatalysis	The University of Manchester	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V046799/1
EP/V044303/1		Physical Sciences	Fascione, Dr M A	Resurrecting ancestral sugars: a molecular archaeology approach to immunotherapy	University of York	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V044303/1
EP/V048759/1		Physical Sciences	Friedemann, Dr S	Room-Temperature Superconductivity in Hydrogen Cage Compounds	University of Bristol	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048759/1

EP/V048856/1		Physical Sciences	Coimbatore Balram, Dr K	SCREAM: Synthesizing and Controlling Resonant Electric and Magnetic near fields using piezoelectric micro-resonators	University of Bristol	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048856/1
EP/V048767/1		Physical Sciences	Kepaptsoglou, Dr D	Seeing magnons at spin-to-charge conversion interfaces	University of York	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048767/1
EP/V047515/1		Physical Sciences	Hofmann, Professor S	Self-limiting Growth Mechanisms for Stable Monolayer Films of Non-van-der-Waals Oxides	University of Cambridge	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047515/1
EP/V047817/1		Physical Sciences	McGonigal, Dr P R	Shapeshifting Molecular Materials	Durham University	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047817/1
EP/V048988/1		Physical Sciences	Ash, Dr PA	Shining Light on Metalloprotein Mechanism: Single Protein Crystal Catalytic Studies Driven by 'Caged' Electron Sources	University of Leicester	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048988/1
EP/V048333/1		Physical Sciences	Chekhovich, Dr EA	Single-atom quantum phenomena in nanoscale semiconductor devices	University of Sheffield	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048333/1
EP/V048864/1		Physical Sciences	Essex, Professor JW	Solving the sampling problem in molecular simulations by Sequential Monte Carlo	University of Southampton	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048864/1
EP/V048880/1		Physical Sciences	Sapienza, Dr R	Space-time meta-surfaces for light waves	Imperial College London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048880/1
EP/V048473/1		Physical Sciences	Keddie, Professor JL	Steering Colloids via Two-Dimensional Diffusiophoresis Using Crossed Gradients in Salt Concentrations	University of Surrey	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048473/1
EP/V048139/1		Physical Sciences	O'Brien, Professor P	Stereospecific Csp3-Csp2 Cross-Coupling of Saturated Heterocyclic Boronates: A Transformative Disconnection for Drug Discovery	University of York	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048139/1
EP/V048732/1		Physical Sciences	Sweeney, Professor SJ	Strained germanium photonic crystal membranes for scalable and efficient silicon-based photonic devices	University of Surrey	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048732/1
EP/V047701/1		Physical Sciences	Hall, Dr SR	Superconductor Nanowires as Powerful Generators of THz Radiation	University of Bristol	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047701/1
EP/V049003/1		Physical Sciences	Garden, Dr JA	Switchable Catalysis for Block Copolymer Compatibilization of Plastic Waste	University of Edinburgh	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V049003/1
EP/V048430/1		Physical Sciences	Oxborrow, Dr M	Tiger in a Cage: Detecting Single Photons at low GHz Frequencies without Refrigerators, Vacuum Chambers or Magnets	Imperial College London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048430/1
EP/V047787/1		Physical Sciences	Verlet, Professor JRR	Time-resolved Intramolecular Photoelectron Diffraction (TIPD) of Ions in the Gas-phase	Durham University	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V047787/1
EP/V048163/1		Physical Sciences	Russo, Professor S	Tuneable Excitonic Integrated Circuits	University of Exeter	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048163/1
EP/V044397/1		Physical Sciences	Sarri, Dr G	Ultra-short and tuneable positron beams for high-resolution and volumetric inspection of materials	Queen's University of Belfast	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V044397/1
EP/V048538/1		Physical Sciences	Hicken, Professor R	Ultrafast helicity-dependent all-optical switching in hybrid magnetic nanomaterials	University of Exeter	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048538/1
EP/V049070/1		Physical Sciences	Bakulin, Dr A	Ultrafast Optoelectronic Nanoscopy of Biological and Optoelectronic Systems	Imperial College London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V049070/1
EP/V048791/1		Physical Sciences	Cardona, Dr J	Unravelling anomalous mass and heat transport in miscible liquids	University of Strathclyde	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048791/1
EP/V04804X/1		Physical Sciences	Yazaydin, Dr O	Unravelling Design Rules For Creating Water Purification Membranes Based On Immobilized Aquaporin Proteins	University College London	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V04804X/1
EP/V048260/1		Physical Sciences	Beaumont, Dr SK	VICAR: Volcanoes In Catalysis Avoided by Resonance.	Durham University	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048260/1
EP/V048031/1		Physical Sciences	van de Linde, Dr S	What do membranes really look like? New approaches to 3D multiplexed imaging of the cell surface	University of Strathclyde	https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/V048031/1