Round	Year	Stream	Project Title	PI	Department
1-c	Jun-22	Partnership	AI for GNC with Airbus/ESA -	Abate, Alessandro	Computer Science
1-c	Jun-22	Doctoral Impact	Cutomising / Enhancing the thermomechanical performance of Shape Memory Alloy for deployable structures	Korsunsky, Alexander M	Engineering Science
1	Jun-22	Technology	Design of integrated filtering solutions for space communications	Bakr, Mustafa	Physics
1	Jun-22	Technology	Covert Communication for National Security	Coon, Justin	Engineering Science
1	Jun-22	Technology	Autonomous Inspection for Environmental Impact and Sustainability Monitoring	Hawes, Nick	Engineering Science
1	Jun-22	Technology	Microfluidics-driven technologies for rapid detection of antimicrobial resistance in the clinic	Kapanidis, Achillefs	Physics
1	Jun-22	Technology	Carbon Nanotube based conductive films	Riede,	Physics
1	Jun-22	Doctoral Impact	Label-free Biosensors of Troponin I Protein Functionalised by Electrohydrodynamic Printing	Bhaskaran, Harish	Materials
1	Jun-22	Partnership	Digital Underground Construction	Byrne, Byron	Engineering Science
1	Jun-22	Doctoral Impact	Digital risk assessment for medical technology	Bergmann, Jeroen	Engineering Science
1	Jun-22	Doctoral Impact	Harnessing data from water 'ATMs' to improve community health in rural Kenya	Thomson, Patrick	Social
1	Jun-22	Impact Workshop	Pre-heating methods for re-entry spacecraft - workshop	Hermann, Tobias	Engineering Science
1	Jun-22	Impact Workshop	Superconducting solutions to global challenges	Speller, Susannah	Materials
1	Jun-22	Partnership	Deep learning to improve the diagnostic potential of fetal brain ultrasound	Namburete, Ana	Computer Science
0	Jun-22	Doctoral Impact	Accelerating the implementation of double wall cooling technology in high pressure turbine blades	Ireland, Peter	Engineering Science
0	Jun-22	Partnership	What future use for O&G data in the energy transition? All applications to build climate & energy resilience.	Bertoni, Claudia	Earth
2	Oct-22	Partnership	Fetal and neonate health in vaginal labour: translation from research to industry and clinical practice	Jerusalem, Antoine	Engineering Science
2	Oct-22	Partnership	Translation of numerical methods for a zero-carbon future into industry	Leach, Felix	Engineering Science
2	Oct-22	Partnership	User-oriented information on tropical cyclones and water cycle extremes for the climate and disaster risk management	Obertstei ner, Michael	Social
2	Oct-22	Partnership	SnapperGPS: Open Hardware and Software for Energy- Efficient, Low- Cost Wildlife Tracking	Rogers, Alex	Computer Science
2	Oct-22	Partnership	Drop Oscillations for Measuring Dynamic Surface Tension	Vella, Dominic	Mathematica l Institute
2	Oct-22	Doctoral Impact	Polymer crystallization in melt-processable PVA	Assender, Hazel	Materials
2	Oct-22	Doctoral Impact	Materials qualification of a new process for manufacturing high temperature superconducting bulks	Speller, Susannah	Materials
2	Oct-22	Impact Workshop	Oxford Workshop on Chemical energy storage of renewable energy	Nie, Binjian	Engineering Science
2	Oct-22	Technology	ScanLite: Infrastructure-free ultrasound reconstruction fusing image processing and deep inertial tracking	Mellon, Stephen	Medical Science

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2	Oct-22	Technology	Beamsteering for optical wireless	O'Brien,	Engineering
			Transition of insect tracking system to licensable	Dominic Stevens,	Science Engineering
2	Oct-22	Technology	product	Christopher	Science
3	Feb-23	Partnership	Development of a novel generation of superconducting wires for zero- emission transport applications	Grovenor, Chris	Materials
3	Feb-23	Partnership	Preparing the Reduce Digital Distraction (ReDD) Workshop for Impact across the UK higher education sector	Shadbolt, Nigel	Computer Science
3	Feb-23	Partnership	Algorithm structure regularisation for x-ray spectroscopy with Diamond Lightsource.	Tanner, Jared	Mathematica l Institute
3	Feb-23	Doctoral Impact	Polyolefin technology transfer	O'Hare, Dermot	Chemistry
3	Feb-23	Technology	Remote Eyes: Robotic Inspection of Nuclear Facilities	Fallon, Maurice	Engineering Science
3	Feb-23	Technology	Femtosecond Perovskite Lasers	Johnston, Michael	Physics
4	May-23	Partnership	Partnerships for market evaluation of novel liquid crystal devices	Booth, Martin J	Engineering Science
4	May-23	Partnership	Advanced Anaerobic Digestion: Accelerating biogas production rates with a novel pre-processing technology	Thompso n, Ian	Engineering Science
4	May-23	Partnership	Multi-hazard risk assessment for infrastructure / ground engineering projects	Walker, Richard	Earth
4	May-23	Doctoral Impact	Cryogenic parametric amplifiers using carbon nanotube- based devices	Ares, Natalia	Engineering Science
4	May-23	Doctoral Impact	MuFFiN: A software package for models of Multiscale Fluid Flow in Networks.	Griffiths, lan	Mathematica I Institute
4	May-23	Doctoral Impact	Active' insulating system: Ceramic fibrous aerogel extinguishers	Grobert, Nicole	Materials
4	May-23	Doctoral Impact	In-silico trials for patient-specific selection of atrial fibrillation treatment	Rodriguez, Blanca	Computer Science
4	May-23	Technology	PicoOven: Ultra-compact atomic source for quantum technology applications	Goodwin, Joseph	Physics
4	May-23	Technology	Open-source convex optimization on GPUs	Goulart, Paul	Engineering Science
4	May-23	Technology	Developing a robust large-volume prototype sonochemical reactor for CO2 reduction reactions	Kwan, James	Engineering Science
4	May-23	Technology	Robust and low-cost cavity-	Smith, Jason	Materials
4	May-23	Technology	Next generation polycrystalline diamond	Todd,	Materials
5	Nov-23	Technology	Multifunctional sensor tags based on flexible substrates	Castell, Martin R	Materials
5	Nov-23	Technology	Translating novel FBGs to manufacturable products	Fells, Julian	Engineering Science
5	Nov-23	Technology	Layered Fibre Assembly Systems for Advanced Thermal Insulation	Grobert, Nicole	Materials
5	Nov-23	Partnership	Knowledge exchange on quantum computing, biotechnology and artificial intelligence	Cao, Shuxiang	Physics
5	Nov-23	Partnership	Cold thermal battery development and demonstration	Nie, Binjian	Engineering Science
5	Nov-23	Partnership	Entanglement-enhanced metrology with a noisy quantum network of optical atomic clocks	Srinivas, Raghavendr	Physics
5	Nov-23	Doctoral Impact	Integration of Infrared Turbine Thermal Performance Data from OTRF to Engine Design	Beard, Paul	Engineering Science

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5	Nov-23	Doctoral Impact	Dynamic, ultracompact beam steering using active, low- loss metasurface	Bhaskaran, Harish	Materials
6	Feb-24	Technology	Robotic Inversion for Smart Logistics	De Martini, Daniele	Engineering Science
6	Feb-24	Technology	Control System Implementation for the Diamond-II Synchrotron	Goulart, Paul	Engineering Science
6	Feb-24	Technology	GAN-50	Rogers, Daniel	Engineering Science
6	Feb-24	Partnership	OxReGen Wind Turbine Mini-grid Partnership	Gregg, John	Physics
6	Feb-24	Doctoral Impact	Non-contact full-field displacement, strain and crack monitoring using point clouds: new technology to support urban infrastructure development	Acikgoz, Sinan	Engineering Science
6	Feb-24	Doctoral Impact	Application of nanofibrous OPVs in conventional planar and innovative textile architectures	Grobert, Nicole	Materials
0	Feb-24	Impact Workshop	Automated global tracking of wild birds for zoonotic disease control	Stevens, Christopher	Engineering Science
7	May-24	Technology	Enhancing the Test Time Performance of the Oxford High Density Tunnel	Doherty, Luke	Engineering Science
7	May-24	Technology	AutoExplore: Safe and Efficient Autonomous Mapping for a Mobile Robot	Hawes, Nick	Engineering Science
7	May-24	Technology	Pharmacokinetic profiling and final prototyping of an ultrasound-mediated drug delivery technology using a unique tumour bearing human liver perfusion system, prior to its synthesis to cGMP standard for clinical use	Lyons, Brian	Engineering Science
7	May-24	Technology	Adaptive Liquid Crystal Elements	Morris, Stephen	Engineering Science
7	May-24	Partnership	NITA - Non-invasive Tool for Anaemia	Bentine,	Physics
7	May-24	Partnership	Mathematics for the production of doped-glass optical fibres	Breward, Chris	Mathematical Institute
7	May-24	Partnership	On Demand Oxygenated Polymer Debondable Adhesives	Williams, Charlotte	Chemistry
7	May-24	Doctoral Prize co-	Exploiting Hybrid Transparent Conductors for Improved and Sustainable Solar Cells	O'Sullivan, John	Materials
7	May-24	BBSRC- EPSRC IAAs Highlight	Using the global weather radar network for automated global tracking of wild birds for zoonotic disease control	Stevens, Christopher	Engineering Science
0	May-24	Doctoral Impact	Manufacture of tritium breeding pebbles	Armstrong, David	Materials
0	May-24	Doctoral Impact	Enabling the Net-Zero Transition: Integrating Complex Multiphysics Efficiently at the Design Optimisation Level	Rosic, Budimir	Engineering Science
0	May-24	Doctoral Impact	Investigating all-perovskite photovoltaic minimodule	Snaith, Henry	Physics
8	Nov-24	Technology	Terahertz Polarisation Imaging for 100% Sorting of Plastic Waste	Johnston, Michael	Physics
8	Nov-24	Technology	Advanced Cathodes for High Capacity Battery Technology	Nellist, Peter D	Materials
8	Nov-24	Technology	Translating Robotic Technologies for Long Term Evolution	Steel, Harrison	Engineering Science
8	Nov-24	Technology	Secure Encryption Key Exchange (SEKE)	Stevens, Christopher	Engineering Science
8	Nov-24	Technology	Ultrasound Triggered Release of Chemotherapy to Minimise Toxicity in Bladder Cancer Treatment	Stride, Eleanor	Medical Science
8	Nov-24	Technology	Efficient Halogenases	Vincent,	Chemistry

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8	Nov-24	Technology	In silico evaluation of drug safety and efficacy in human heart contractility through the user-friendly Virtual Assay software	Zhou, Xin	Computer Science
8	Nov-24	Doctoral Impact	Industrial implementing grain boundary engineering for advanced ceramics	Marquardt, Katharina	Materials
8	Nov-24	Doctoral Impact	Climate-Resilient Energy Optimisation: Mitigating Bushfire and Blackout Risks through Digitalised Microgrid Innovation	Wallom, David	Engineering Science
8	Nov-24	Impact Workshop	Bioelectricity Cluster: workshop on bioelectric interfaces for tissue engineering, cancer treatments and other biomedical applications	Mariello, Massimo	Engineering Science
9	Feb-25	Doctoral Impact	Copolymerisation and functionalisation scale up of propylene copolymers for adhesive applications	O'Hare, Dermot	Chemistry
9	Feb-25	Partnership	Leveraging NISMOD to inform the UK government's spatial infrastructure plans	Hall, Jim	Social Science
9	Feb-25	Partnership	Translate AI Ethical Design for Child-Centred Innovations	Zhao, Jun	Computer Science
9	Feb-25	Impact Workshop	Basilisk/Gerris Users' Meeting 2025	Mostert, Wouter	Engineering Science
9	Feb-25	Technology	Ultrasound-based therapy for the treatment of wound infections	Carugo, Dario	Medical Science
9	Feb-25	Technology	openBES: Open software for building energy diagnosis to support cost-effective zero-carbon interventions	Lizana Moral, Francisco	Engineering Science
9	Feb-25	Technology	Deep learning-based microscopy data analysis for industrial applications	Lugagne, Jean-	Engineering Science
9	Feb-25	Technology	Spatial mode demultiplexing for high resolution microscopy	Lvovsky, Alexander	Physics
9	Feb-25	Technology	Development of a novel method to qualify welds of natural gas pipelines for hydrogen transport and storage	Martinez- Paneda, Emilio	Engineering Science