NATIONAL EPITAXY FACILITY

UKRI Engineering and Physical Sciences Research Council

Universities of Sheffield Cambridge & University College London

Principal Investigator	Institute	Grant Title	Grant Reference no.	Start Date *	End date
Bennett	Cardiff	EP/T017813/1-Manufacturing Scalable Quantum Light Sources	EP/T017813/1	01/10/2020	30/09/2025
Seeds	UCL	EP/T028475/1-QUantum Dot On Silicon systems for communications, information processing and sensing (QUDOS)	EP/T028475/1	01/11/2020	30/04/2027
Reed	Southampton	EP/V047663/1-MISSION (Mid- Infrared Silicon Photonic Sensors for Healthcare and Environmental Monitoring)	EP/V047663/1	01/07/2021	30/06/2026
Krizhanovski	Sheffield	EP/V026496/1-Quantum and Many Body Physics Enabled by Advanced Semiconductor Nanotechnology	EP/V026496/1	15/09/2021	14/09/2026
Li	Cardiff	EP/V029681/1-C-band quantum-dot lasers on monolithically grown Si platform	EP/V029681/1	01/04/2022	31/03/2025
Liu	UCL	EP/W002302/1-Phosphide-based nanowire for Vis/Near-IR photon emitters	EP/W002302/1	30/04/2022	29/10/2025
Brash	Sheffield	EP/W027909/1-Controlling Environmental Interactions for Novel Solid-State Quantum Technologies	EP/W027909/1	06/06/2022	05/06/2027
Davies	Leeds	EP/W028921/1 - Terahertz frequency devices and systems for ultrahigh capacity wireless communications	EP/W028921/1	01/01/2023	31/12/2027
Harbord	Bristol	EP/X029360/1 - Tamm metasurface lasers for sensing and datacomm applications	EP/X029360/1	01/10/2023	31/03/2026
Sapienza	Cambridge	EP/X040526/1 - Quantum GaN-O-Photonics	EP/X040526/1	01/11/2023	31/10/2026
Abadia	Cardiff	EP/X011917/1 - Photonic Integrated Modulators for Aerospace and Data/Telecom	EP/X011917/1	01/01/2024	31/12/2026
Ovenden	Aegiq	UKRI-10088290 - TelQuant	10088290	01/01/2024	31/12/2025
Smowton	Cardiff	EP/Y024184/1 - Compound Semiconductor Place Based Impact Accelerator	EP/Y024184/1	02/01/2024	01/01/2028
Sporea	Surrey	EP/Y000196/1 - Multipurpose Electronics Toolkit using Suspended Membranes	EP/Y000196/1	01/02/2024	31/01/2027
Bowler	UCL	EP/Y00423X/1 - Segregation of alloy and dopant atoms at defects in nitride materials	EP/Y00423X/1	01/02/2024	31/01/2027
Abadia	Cardiff	EP/Y00082X/1 - Efficient Integrated Photonic Phase Shifters for Data/Telecom and Quant Apps	EP/Y00082X/1	01/03/2024	30/11/2025
Smith	Bristol	EP/X014924/1 - Novel GaN-on-Si vertical diode designs for improved power performance	EP/X014924/1	01/03/2024	28/02/2027
Kuball	Bristol	EP/Z531091/1 - Transforming Net Zero with Ultrawide Bandgap Semiconductor Device Technology (REWIRE) IKC	EP/Z531091/1	01/04/2024	31/03/2029
Smowton	Cardiff	EP/Z532848/1 - Compound Semiconductor Manufacturing Hub for a Sustainable Future	EP/Z532848/1	01/07/2024	30/07/2031
Paul	Glasgow	EP/Z533178/1 - A U.K. Hub for Quantum Enabled Position, Navigation and Timing (QEPNT)	EP/Z533178/1	01/09/2024	31/08/2029
O'Brien	Oxford	EP/Z53318X/1 - Hub for Quantum Computing via Integrated and Interconnected Implementations (QCI3)	EP/Z53318X/1	01/09/2024	31/08/2029
Buller	Heriot-Watt	EP/Z533208/1 - Integrated Quantum Networks (IQN) Research Hub	EP/Z533208/1	01/12/2024	30/11/2029
Faruque	Sheffield	UKRI-189625 - Quantum Dot Development for Strain-free Integrated Growth and Nanophotonics	189625	01/07/2025	01/07/2027
Dufferwiel	Aegiq	UKRI-10150351 - HyTest	10150354	01/04/2025	31/03/2027
Faruque	Sheffield	UKRI-10149511 - PAQNet-Packaging Advancements for Quantum Networks	10149511	01/04/2025	28/02/2026
Ghosh	Swansea	EP/SWCS-PBIAA/Monolithic buffer-free GaN-on-silicon	EP/SWCS-PBIAA	01/07/2025	31/12/2025

* **Grouped by start date**