

NAME		TITLE
Umair	Ahmed Korai Baloch	Nonlinear effects in silicon waveguides.
Georgia	Anastasiadi	"Machined multicore optical fibres for cell optical manipulation"
Will	Brown	Optimising biologically inspired rings for quantum-enhanced light harvesting
James	Burch	Flexible Metasurface Holograms
Enrico Giuseppe	Carnemolla	Ultrafast optical modulation exploiting metacavities
Jake	Charsley	"Frequency Combs for Astronomy: Enabling Exoplanet Finders"
Laura	Cowan	Infrared image enhancement by superresolution and novel imaging architectures.
Francois	Damanet	Effects of the quantized atomic motion on cooperative spontaneous emissions of light
Alastair	Doye	Determining Local Structural and Chemical Ordering in Amorphous MoSi _x for Superconducting Nanowire Single-Photon Detectors
Ross	Drysdale	Application of Multi-Spectral Snapshot Imaging in Retinal Oximetry
Katie	Ember	Developing a Non-Invasive Spectroscopic Technique for Detecting Liver Damage
Francesca	Farrell	Irradiance of an LED edge-lit elastomeric light guide
Adam	Fleming	All Optical Control of Light Scattering
Ronnie	Gallagher	Can Microwave Frequencies be Used to Differentiate Between Rock Types?
Roopam	Gupta	Label-free classification of human immune cells using wavelength modulated Raman Spectroscopy
Paul	Hill	Integrating Diamond with GaN Photonic Devices
Craig	Hunter	"Stabilisation of Semiconductor Disk Lasers for Atomic Spectroscopy".
Matthew	Johnson	"Fresnel Holography for Atomic Waveguides".
Oguzhan	Kara	Broadband Mid-Infrared Dual Comb Spectroscopy with Independent Asynchronous Optical Parametric Oscillators
Xin	Li	One-Dimensional Chirality: Strong Optical Activity in Epsilon-Near-Zero Metamaterials
Luke	Maidment	Compressive sampling for spectral imaging
Adria Escobet	Montalban	Compact Light Sheet Microscopes and Applications
Giovanna	Marocco	MEMS gradiometers for attitude control on CubeSats
John	McPhillimy	Micro Assembly of separate devices by transfer printing
Andreas	Noack	"Interferometer Readout for MEMS Accelerometer"
Joshua	Robertson	Spiking photonic neurons with Vertical-Cavity Surface-Emitting Lasers
Calum	Ross	Direct laser written micro-optics for optical biopsy instruments
Adeel	Shafi	Development of Ultrasonic Contrast Microbubbles for Preclinical in-vivo Optical and Ultrasonic imaging
Najwa	Sidqi	High efficiency dielectric distributed Bragg mirrors for quantum information systems
Martin	Sinclair	Photonic Rotation Sensing
Simon	Tait	"Silicon Nitride Membranes: Mechanical & Optical Studies for Low Thermal Noise Precision Measurements"
Zeno	Tornasi	"Optical scattering at 1550 nm in bulk magnetic Czochralski silicon"
Araceli	Venegas Gomez	ADIABATIC COOLING AND STATE PREPARATION IN QUANTUM SIMULATION
Liam	Walker	Feedback Cooling and Quantum Measurement
Guanglei	Xu	Adiabatic dynamics with Classical Noise in Optical Lattices
Jorge	Yago Malo	Dissipative generation of highly-entangled fermionic states for high-sensitivity sensing