

Student	Title	Viva				
		Time	Date	Chair	Supervisor	2nd Marker
BURNS ELISE	Investigation of Polytypism in nitride semiconductors	9:15-10:00	07-Jan-19	G McConnell	Carol Trager-Cowan	R W Martin
WATERS DALE	Investigation of Polytypism in nitride semiconductors	10:15-11:00	07-Jan-19	G McConnell	Carol Trager-Cowan	R W Martin
JACKSON JAMES	Quantum Dots TBC	11:15-12:00	07-Jan-19	G McConnell	Olaf Rolinski	T Ackemann
SALMOND BEN	Colour stability of LEDs from the red to the UV	12:15-13:00	07-Jan-19	G McConnell	Jochen Bruckbauer	T Ackemann
WEBSTER DAVID	RE-doped III-nitrides for solid state lighting applications	14:15-15:00	07-Jan-19	G McConnell	Kevin O'Donnell	A Kemp
ANDERSON STEVEN	Quantum applications of Semiconductor Disk Lasers	9:15-10:00	07-Jan-19	A Arnold	Jennifer Hastie	G-L Oppo
MCLAFFERTY SAM	Nonlinear Optical Loop Mirrors Based on 3 X 3 fibre optic couplers	10:15-11:00	07-Jan-19	A Arnold	Nigel Langford	G-L Oppo
ANDERSON STEWART	Astigmatic mirror multipass absorption cells for long path length spectroscopy	11:15-12:00	07-Jan-19	A Arnold	Nigel Langford	A Yao
GEDDES DANIEL	Acquisition, Pointing, and Tracking for CubeSat QKD	12:15-13:00	07-Jan-19	A Arnold	Daniel Oi	A Kemp
BOMMER SEAN PATRICK	Development of a highly accurate alignment process for multi-stage laser lithography	14:15-15:00	07-Jan-19	A Arnold	Michael Strain	P Griffin
SCOTT PHILIP	Neurophotonic Systems for Interfacing with the Retina	15:15-16:00	07-Jan-19	A Arnold	Keith Mathieson	B Patton
BROWN JAMES	The scientific applications of X-ray Free Electron Lasers	9:15-10:00	07-Jan-19	K Ronald	Brian McNeil	R Gray
MCQUEEN CHRISTOPHER	Radiation Reaction	10:15-11:00	07-Jan-19	K Ronald	Adam Noble	R Gray
VALK JILLES	Modelling relativistic electron motion in spatially varying intense laser fields	11:15-12:00	07-Jan-19	K Ronald	Ross Gray	A W Cross
HUNTER DANIEL	Intense Laser Pulse Filamentation in Near Critical Density Plasmas	12:15-13:00	07-Jan-19	K Ronald	Ross Gray	Zhengming Sheng
BRUCE EMILY	Medical Radioisotope Production using a Laser-Plasma Wakefield Accelerator	14:15-15:00	07-Jan-19	K Ronald	Mark Wiggins	G Robb
MOIR CONNOR	Stochastic Particle Heating of Charged Particles by Plasma Waves	15:15-16:00	07-Jan-19	K Ronald	Bengt Eliasson	B McNeil
O'HARE DAWN	Noble Metal Quantum Dots	9:15-10:00	08-Jan-19	D McKee	Yu Chen	Sebastian van de Linde
MACLURE DANIEL MARK	Pathological modifications in proteins detected by their intrinsic fluorescence	10:15-11:00	08-Jan-19	D McKee	Olaf Rolinski	Carol Trager-Cowan
MCCOLL DANIEL DAVID	Mesolens	11:15-12:00	08-Jan-19	D McKee	Gail McConnell	K Mathieson
CUTHBERTSON STUART	Moving a standing wave with an electronically controlled piezo-mirror device	12:15-13:00	08-Jan-19	D McKee	Gail McConnell	S Kuhr
PERCIVAL JOHN	Quantification and measurement of marine microbial populations using the Mesolens	14:15-15:00	08-Jan-19	D McKee	Gail McConnell	G-L Oppo
KINANIS ALEXANDROS	Quantum interference and boson sampler verification	9:15-10:00	08-Jan-19	E Riis	Andrew Daley	J Jeffers
STEVEN RACHAEL	A Polarisation Analyser for Quantum Optics Experiments	10:15-11:00	08-Jan-19	E Riis	Paul Griffin	J Jeffers
WADE EWAN	Photonic Neurons: Spiking information processing with lasers	11:15-12:00	08-Jan-19	E Riis	Antonio Hurtado	D Oi
MCCALLUM JAKE	Signal processing for Atomic Magnetometry	12:15-13:00	08-Jan-19	E Riis	Paul Griffin	G Robb
GLASS HELENA	Grating magneto-optical trap modelling	14:15-15:00	08-Jan-19	E Riis	Aidan Arnold	J Pritchard
BALLANTYNE CALUM	Implementation and characterization of optical lattice potentials for ultracold atoms	15:15-16:00	08-Jan-19	E Riis	Elmar Haller	S Kuhr

RUTHERFORD LORNE	Space Radiation Reproduction and Testing	9:15-10:00	08-Jan-19	B McNeil	Bernhard Hidding	D Oi
CAMPBELL DAVID	Monte Carlo Modelling of Particle Beam-Matter Interaction	10:15-11:00	08-Jan-19	B McNeil	Bernhard Hidding	B Hourahine
KELLY ELLIS	Electron beam physics and transport modelling	11:15-12:00	08-Jan-19	B McNeil	Bernhard Hidding	A W Cross
MCCRORY KIERAN	Ion Channel Laser with Large Oscillation Amplitude	12:15-13:00	08-Jan-19	B McNeil	Bernhard Ersfeld	G Robb
MCWILLIAM ALLAN	Space Radiation Reproduction and Testing	10:00-11:00	09-Jan-19	F Papoff	Bernhard Hidding	B McNeil
STEVENSON JACK EDWARD	Investigation of multi-modal flex-tentional transducers	11:00-12:00	09-Jan-19	F Papoff	N Langford	Oliver Henrich
CANNON RACHEL	Computing the inverse square law	12:00-13:00	09-Jan-19	F Papoff	Ben Hourahine	Oliver Henrich
JORDAN BRIAN	Three-Dimensional Single-Molecule Based Super-Resolution Imaging	14:00-15:00	09-Jan-19	F Papoff	Sebastian van de Linde	B Patton
DOAK ELLIOT	Noble Metal Quantum Dots	14:15-15:00	16-Jan-19	S Kuhr	Yu Chen	P Edwards
EARLE ALASDAIR	Investigating non-ideal behaviour in current-voltage curves from GaN-based LEDs	15:15-16:00	16-Jan-19	S Kuhr	R Martin	Antonio Hurtado