

Theoretical Physics Theses					
Author	Title	Course	Year	Supervisor(s)	Group
BENNETT, Rachel Rosemary	Physics of microorganism behaviour: Motility, synchronisation, run-and-tumble, phototaxis	DPhil	2015	Golestanian, Ramin	CMT
HARPER, Fenner Thomas Pearson	The Hofstadter Model and Other Fractional Chern Insulators	DPhil	2015	Simon, Steve	CMT
DINGLE, Kamaludin	Bias in Genotype-Phenotype Maps and Implications for Evolution	DPhil	2014	Louis, Ard	CMT
MATEK, Chirstian Claus Alexander	Modelling DNA: Bubbles, Cruciforms and Nano-Structures	DPhil	2014	Louis, Ard	CMT
MOEVIUS, Lisa	Droplet Dynamics on Superhydrophobic Surfaces Studied by Lattice Boltzmann Simulations	DPhil	2014	Yeomans, Julia	CMT
ROBINSON, Neil Joe	One-Dimensional Condensed Matter Systems	DPhil	2014	Essler, Fabian	CMT
RUFINO, Mathias	Two non-equilibrium phenomena in low-dimensional electronic systems	DPhil	2014	Chalker, John	CMT
SULC, Petr	Coarse-Grained Modelling of Nucleic Acids	DPhil	2014	Louis, Ard	CMT
TAN, Zhiming Darren	Frustrated magnetism in the extended kagome lattice	DPhil	2014	Chalker, John	CMT
VON KEYSERLINGK, Curt William	String-net models in condensed matter systems	DPhil	2014	Simon, Steve	CMT
COHEN, Jack Andrew	Active colloids and polymer translocation	DPhil	2013	Golestanian, Ramin	CMT
DAVENPORT, Simon Charles	Multicomponent fractional quantum Hall effects	DPhil	2013	Simon, Steve	CMT
NAHUM, Adam William	Critical Phenomena in Loop Models	DPhil	2013	Chalker, John	CMT
ZAID, Irwin Morton	Non-Gaussian fluctuations in active suspensions	DPhil	2013	Yeomans, Julia	CMT
SCHAPER, Steffen	On the significance of neutral spaces in adaptive evolution	DPhil	2012	Louis, Ard	CMT
ZACHAROIDOU, Ioannis	Viscous fingering and liquid crystals in confinement	DPhil	2012	Louis, Ard	CMT
CONLON, Peter	Aspects of Frustrated Magnesium	DPhil	2011	Chalker, John	CMT
JOHNSTON, Iain	Exploration, Exploitation & Complexity in Biological Evolution and Self-Assembly	DPhil	2011	Louis, Ard	CMT
OULDRIDGE, Thomas	Coarse-Grained Modelling of DNA and DNA Self-Assembly	DPhil	2011	Louis, Ard; Doye, Jon	CMT
BLOW, Matthew	Wetting on Flexible and Anisotropic Surfaces	DPhil	2010	Yeomans, Julia	CMT
GOETZE, Wolf	Finite temperature dynamical structure factors of low dimensional strongly correlated systems	DPhil	2010	Essler, Fabian	CMT
MATTHEWS, Richard	Knotted Polymers and Filaments	DPhil	2010	Yeomans, Julia	CMT
PUTZ, Victor	Collective Behaviour of Model Microswimmers	DPhil	2010	Yeomans, Julia	CMT
WILLANS, Adam	Disorder in an exactly solvable quantum spin liquid	DPhil	2010	Moessner, Roderich	CMT
PICKLES, Thomas	Ordering Transitions and Localisation Properties of Frustrated Systems	DPhil	2009	Chalker, John	CMT
SOTIRIADIS, Spyridon	Quantum Quenches in Extended Systems	DPhil	2009	Cardy, John	CMT
STROECH, Andrea	Mean-Field Theory of a Mott Insulator	MSc	2009	Essler, Fabian	CMT
ALEXANDER, Gareth	Liquid Crystalline Blue Phases and Swimmer Hydrodynamics	DPhil	2008	Yeomans, Julia	CMT

Theoretical Physics Theses					
GAMSA, Adam	Random Planar Curves and Conformal Field Theory	DPhil	2008	Cardy, John	CMT
JAMES, Andrew	Dynamical Correlations of Low Dimensional Quantum Magnets	DPhil	2008	Essler, Fabian	CMT
KUSUMAATMAJA, Halim	Lattice Boltzmann Studies of Wetting and Spreading on Patterned Surfaces	DPhil	2008	Yeomans, Julia	CMT
FURTADO, Kalli	Mesoscopic Simulations of Reaction-Diffusion-Advection Problems	DPhil	2007	Yeomans, Julia	CMT
LANDREMAN, Matthew Joseph	Quasi phase matching techniques for high harmonic generation	DPhil	2007	Hooker, Simon; Wark, Justin	CMT
SAUNDERS, Timothy	Phase Transitions in Geometrically Frustrated Antiferromagnets	DPhil	2007	Chalker, John	CMT
HOGAN, Patrick	Correlations in Geometrically Frustrated Spin Systems	DPhil	2006	Chalker, John	CMT
SULAIMAN, Nidhal	Mesoscopic Modelling of Nematic Emulsions	DPhil	2006	Yeomans, Julia	CMT
RYDER, Jennifer	Mesoscopic Simulations of Complex Fluids	DPhil	2005	Yeomans, Julia	CMT
TOMLINSON, Joseph	Interactions and Disorder in Chiral Metals	DPhil	2005	Chalker, John	CMT
GALLA, Tobias.	Out-of-Equilibrium Dynamics of Disordered and Stochastic Systems.	DPhil	2004	Sherrington, David	CMT
HARRIS, Rosemary J.	Disorder in Non-Equilibrium Models.	DPhil	2004	Stinchcombe, Robin	CMT
HAYDOCK, David	Lattice Boltzmann simulations of acoustic streaming and the radiation force on objects in a sound field	DPhil	2004	Yeomans, Julia	CMT
MANCINI, Francesco Paolo	Statistical physics of quadrupolar and potts glasses	DPhil	2004	Sherrington, David	CMT
MUSTONEN, Ville	Wetting, filling and interface dynamics	DPhil	2004	Abraham, Douglas	CMT
WHITELAM, Stephen	Kinetically constrained models of glass-forming liquids	DPhil	2004	Garrahan, Juanpe; Sherrington, David	CMT
BRIANT, Andrew J	Lattice Boltzmann simulations of wetting and spreading.	DPhil	2003	Yeomans, Julia	CMT
DEPKEN, Martin	Models of non-equilibrium systems	DPhil	2003	Stinchcombe, Robin	CMT
JIMENEZ DALMARONI, Andrea Cecilia.	Non-Markovian effects in Directed Percolation.	DPhil	2003	Cardy, John	CMT
KIKUCHI, Norio	A meso-scale model for polymer hydrodynamics	DPhil	2003	Yeomans, Julia	CMT
POOLEY, Christopher M	Mesoscopic modelling techniques for complex fluids	DPhil	2003	Yeomans, Julia	CMT
BEAMOND, Eleanor.	Quantum and Classical Localisation.	DPhil	2002	Cardy, John	CMT
HANNEY, Tom	Phase Transitions, Scaling and Renormalisation in Nonequilibrium Systems	DPhil	2002	Stinchcombe, Robin	CMT
MERZ, Florian.	Random-bond Ising Models, Quantum Localisation and Critical Behaviour in Two Dimensions.	DPhil	2002	Chalker, John	CMT
ULDRY, Anne-Christine	Two-particle excitations in random media	DPhil	2002	Elliott, Roger	CMT
DAVIS, Thomas Simon	Effects of quenched disorder on the behaviour of low dimensional systems	DPhil	2001	Cardy, John	CMT
DAVISON, Lexie.	Glassy Behaviour in Simple Systems.	DPhil	2001	Sherrington, David	CMT
GILLIN, Peter.	Statistical Mechanics of Multispin Glasses.	DPhil	2001	Sherrington, David	CMT

Theoretical Physics Theses					
LOVE, Peter John	Three dimensional lattice gas models for amphiphilic fluids	DPhil	2001	Coveney, Peter; Yeomans, Julia	CMT
RAPSCH, Sebastian.	Interactions, Disorder and Spin Waves in Quantum Hall Ferromagnets near Integer Filling.	DPhil	2001	Chalker, John	CMT
PALMER, Stephanie E.	Order and disorder in two geometrically frustrated antiferromagnets.	DPhil	2000	Chalker, John	CMT
HOOLEY, Chris.	The Kagome Antiferromagnet and Related Models: Studies in Low-Dimensional Geometrically Frustrated Quantum Magnetism.	DPhil	1999	Not stated	CMT
BRUUN, Georg Morten	Type-II superconductors in high magnetic fields	DPhil	1998	Yeomans, Julia	CMT
DURING, Alexander	Temporal aspects of spin-glass neural networks	DPhil	1998	Not stated	CMT
HO, Chang-Ming.	Theoretical studies of integer quantum Hall transitions.	DPhil	1998	Chalker, John	CMT
JACOBSEN, Jesper Lykke.	Frustration and Disorder in Discrete Lattice Models.	DPhil	1998	Cardy, John	CMT
MARSH, Colin Anthony	Theoretical aspects of dissipative particle dynamics	DPhil	1998	Not stated	CMT
WISEMAN, Robin D.	The Jahn-Teller Effect in Icosahedral Symmetry: Unexpected Lie Group Symmetries and their Exploitation.	DPhil	1998	Elliott, Roger	CMT
BRYN-JACOBSEN, Caelia	The structural and magnetic properties of rare-earth alloys and superlattices	DPhil	1997	Elliott, Roger	CMT
HEIDE, Carsten	Nonequilibrium processes in heterostructures under the influence of internal and external magnetic fields	DPhil	1997	Elliott, Roger	CMT
LEE, Dominic	The effects of retardation and of damping in models of superconductivity	DPhil	1997	Not stated	CMT
MÖSSNER, Roderich.	Two systems with macroscopically degenerate groundstates: electrons in high Landau levels and geometrically frustrated antiferromagnets.	DPhil	1997	Chalker, John	CMT
RICHARDSON, M. J. E.	Two-Species Non-Equilibrium Processes in One Dimension.	DPhil	1997	Cardy, John; Evans, Martin; Stinchcombe, Robin	CMT
SANTOS, Jaime Eduardo Moutinho.	Non-Equilibrium Dynamics of Reaction Diffusion Processes.	DPhil	1997	Schutz, G M; Stinchcombe, Robin; Tauber, U C	CMT
WAGNER, Alexander	Theory and Applications of the Lattice Boltzmann Method	DPhil	1997	Yeomans, Julia	CMT
EMERTON, Andrew N.	Lattice-Gas Automata Models of Self-Assembling Amphiphilic Systems.	DPhil	1996	Yeomans, Julia; Sherrington, David	CMT
HOWARD, Martin.	Non-Equilibrium Dynamics of Reaction-Diffusion Systems.	DPhil	1996	Cardy, John	CMT
JOHNSTON, John C.	Bayesian analysis of inverse problems in physics.	DPhil	1996	Buck, Brian	CMT
LATREMOLIERE, Franck Thierry.	Boundaries and Interfaces in the Planar Ising Ferromagnet.	DPhil	1996	Abraham, Douglas	CMT
MICHELETTI, Cristian.	Models with competing interactions.	DPhil	1996	Yeomans, Julia	CMT
SCHWABE, Nikolai F.	Weighted Two-Particle Green's Functions in the Coherent-Potential Approximation and Perturbation Effects in Tunneling Systems out of Equilibrium.	DPhil	1996	Elliott, Roger	CMT

Theoretical Physics Theses					
CULLERNE, John Paul	The Jahn-Teller Effect in Icosahedral Symmetry	DPhil	1995	O'Brien, M C M	CMT
LAUGHTON, Stephen Nicholas.	Dynamics of Neural Networks and Disordered Spin Systems.	DPhil	1995	Coolen, Ton; Sherrington, David	CMT
OSBORN, William R	Statics and dynamics of interfaces in multi-phase fluids	DPhil	1995	Yeomans, Julia	CMT
WHYTE, William.	Statistical Mechanics of Neural Networks.	DPhil	1995	Sherrington, David	CMT
COOPER, Nigel.	Theoretical Studies of Quantum Hall Systems.	DPhil	1994	Chalker, John	CMT
FAULHABER, Jose Claudio Da Rosa	Models of superconductivity in inorganic and molecular solids	DPhil	1994	Ko, David	CMT
HESELBO, Bobby	Statistical Properties of Glassy and Disordered Systems	DPhil	1994	Stinchcombe, Robin	CMT
MOORE, Edward Daniel	Theoretical studies of random field systems	DPhil	1994	Stinchcombe, Robin	CMT
PENNEY, Richard William.	The Statistical Mechcnics of Neural Networks and Spin Glasses.	DPhil	1994	Sherrington, David	CMT
QUAKE, Stephen Ronald.	Theory and Experiments in Polymer Physics with Single Molecules of DNA.	DPhil	1994	Stinchcombe, Robin	CMT
TANK, Rashmi Winfried.	A Theoretical Study of Semiconductor Nanometer Structures.	DPhil	1994	Stinchcombe, Robin	CMT
WENDEMUTH, Andreas	Optimisation in neural networks	DPhil	1994	Sherrington, David	CMT
AL-RIYAMI, Basma Amour Sultan.	Some Properties of Quantum Systems.	MSc	1993	Ko, David	CMT
DOBBS, Harvey Thomas	Studies of non-uniform wetting films	DPhil	1993	Yeomans, Julia	CMT
O'DONNELL, Catherine Lorraine.	Theoretical Studies of Spin Systems.	DPhil	1993	Yeomans, Julia	CMT
O'KANE, Dominic	Statistical mechanical studies of autoassociative and feedforward neural networks	DPhil	1993	Sherrington, David	CMT
PERONDI, Leonel Fernando.	Theoretical Studies of Diffusion in Disordered Systems.	DPhil	1993	Elliott, Roger	CMT
BELTRAN SANCHEZ, Marcela	Models of defects near Si/SiO ² interfaces	DPhil	1992	Elliott, Roger	CMT
EASTMOND, John F G	Numerical studies of two problems in condensed matter physics: quantum transport and quantum antiferromagnets	DPhil	1992	Chalker, John	CMT
FOSTER, Damien Paul	Lattice Models of Polymers	DPhil	1992	Yeomans, Julia	CMT
MACAULAY, Vincent A.	Bayesian inversion with applications to physics.	DPhil	1992	Buck, Brian	CMT
RAU, Albrecht	Statistical mechanics of neural networks	DPhil	1992	Sherrington, David	CMT
WATKIN, Timothy L H	The theory of quenched disorder: spin glasses, neural networks and statistical interference	DPhil	1992	Sherrington, David	CMT
BLACKBURN, Roger Michael	The statistical mechanics of dilute, disordered systems	DPhil	1991	Sherrington, David	CMT
DARBELLAY, Georges Alexis	Wetting and capillary condensation transitions in novel geometries	DPhil	1991	Yeomans, Julia	CMT
JOAD, Nicholas Peter	The optical properties of the cuprate superconductors	DPhil	1991	Gehring, Gillian	CMT
LITTLEWORT, Gwen C	Neural network analysis and simulation	DPhil	1991	Rolls, Edmund; Murray, James	CMT

Theoretical Physics Theses					
NEWMAN, Mark E J	The dynamical properties of quasi-crystals	DPhil	1991	Stinchcombe, Robin; Sherrington, David	CMT
SCHOLLWOCK, Ulrich	Path Integral Theories of Two-Dimensional Quantum Magnets	MSc	1991	Ko, David	CMT
WATSON, Greg	Spectral Properties of Periodically Modulated Systems	DPhil	1991	Lovesey, Stephen	CMT
WESTHEAD, David R	Dynamic properties of an exactly soluble model of a modulated crystal	DPhil	1991	Lovesey, Stephen	CMT
CORNELL, Stephen John	Studies of freezing in kinetic ising models	DPhil	1990	Stinchcombe, Robin	CMT
KIMBER, Andrew	The Jahn-Teller effect: some numerical and analytical methods	DPhil	1990	O'Brien, M C M	CMT
O'SULLIVAN, Kevin F	The Raman spectra of simple ionic systems	DPhil	1990	Elliott, Roger	CMT
SWIFT, Michael Robert	Surface phase transitions in novel geometries	DPhil	1990	Yeomans, Julia	CMT
TOH, Han Shih.	The Effect of Anisotropic Long-Range Interactions on Pure and Random-Field Systems.	DPhil	1990	Sherrington, David; Gehring, Gillian	CMT
VEAL, Andrew Richard	Models of polymer adsorption and collapse	DPhil	1990	Yeomans, Julia	CMT
ASHRAFF, Javid A	The dynamical properties of quasi-crystals	DPhil	1989	Stinchcombe, Robin	CMT
BULL, Michael	Models of electronic defects at the Si-SiO ² interface	DPhil	1989	Elliott, Roger	CMT
EVANS, Sarah Margaret Mary	The theory of mixed valent and kondo systems	DPhil	1989	Gehring, Gillian	CMT
KECHRAKOS, Dimitris	Theory of atomic vibrations near crystal interfaces	DPhil	1989	Elliott, Roger	CMT
LANGFORD, Hugh David	A Band Theory Study of Magnetism in F-Electron Systems	DPhil	1989	Gehring, Gillian	CMT
PIMENTEL, Iveta R	Critical dynamics in spin glasses and dilute magnets	DPhil	1989	Stinchcombe, Robin	CMT
THETFORD, Roger	Theory of defect interactions in metals	DPhil	1989	Matthews, Juan	CMT
FATEMIAN, Marzieh (Shadman-Valavi).	Coulomb Excitation and Break Up.	DPhil	1988	Buck, Brian	CMT
HARRINGTON, Andrew Philip	Enhanced masses and superconductivity in highly correlated fermionic systems	DPhil	1988	Gehring, Gillian	CMT
UPTON, Paul John.	The Statistical Mechanics of Interfaces and Spatially Modulated Phases.	DPhil	1988	Yeomans, Julia	CMT
WHITTAKER, D M	Theory of excitons in quantum well structures	DPhil	1988	Elliott, Roger	CMT
WRAGG, Michael Joseph	Critical properties of dipolar ferromagnets	DPhil	1988	Gehring, Gillian	CMT
ACKLAND, Graeme	Non-pairwise potentials and defect modelling for transition metals	DPhil	1987	Finnis, Mike	CMT
ARMITSTEAD, Kathryn	A series approach to wetting and layering transitions	DPhil	1987	Yeomans, Julia	CMT
CHRISTOU, Alexis	Dynamics on scale-invariant structures	DPhil	1987	Stinchcombe, Robin	CMT
SMYTH, Malachy	Aspects of localisation in off-diagonally ordered systems	DPhil	1987	O'Brien, M C M	CMT
TURNER, Lindsay Williams	Some simple pseudo-systems that model real Jahn-Teller systems with spin-orbit coupling	DPhil	1987	O'Brien, M C M	CMT
BELL, Stephen C	Scaling theory of non-linear and incommensurate systems	DPhil	1986	Stinchcombe, Robin	CMT
BOARD, John Arnold jr.	Computer Simulation of Spectral Properties of Ionic Systems.	DPhil	1986	Elliott, Roger	CMT

Theoretical Physics Theses					
DE LA MORA Y PALOMAR ASKINASY, Pablo	A theoretical and experimental investigation of the intermediate valence phenomenon	DPhil	1986	Elliott, Roger	CMT
HOPKINS, Peter Jonathan Beynon.	Nuclear Cluster Structure and Electron Scattering.	DPhil	1986	Baldock, Richard; Buck, Brian	CMT
MEHTA, Anita	Scaling approaches to interacting walk models	DPhil	1986	Stinchcombe, Robin	CMT
NUNES, A. C.	The Theory of Uranium Impurities in Metals	DPhil	1986	Gehring, Gillian	CMT
ROEDER, Heinrich	Defects and dynamics of modulated structure materials	DPhil	1986	Yeomans, Julia	CMT
CARRICO, Artur da Silva	Excitations near surfaces and interfaces	DPhil	1985	Elliott, Roger	CMT
COSTI, Theodoulos A.	Electronic Properties of Intermediate Valence Compunds	DPhil	1985	Elliott, Roger	CMT
COVENEY, Peter V	Semiclassical methods in scattering and spectroscopy	DPhil	1985	Child, M S	CMT
DA CRUZ, Heber R	Critical phenomena in magnetism	DPhil	1985	Stinchcombe, Robin	CMT
DARLISON, Anthony Gerard	Multi-mode effects in Jahn-Teller absorption spectra	DPhil	1985	O'Brien, M C M	CMT
HOLDSWORTH, Peter C W	Correlation effects in atomic diffusion	DPhil	1985	Elliott, Roger	CMT
MAGGS, Anthony C	Critical dynamics near the percolation threshold	DPhil	1985	Stinchcombe, Robin	CMT
NASCIMENTO BARRETO, Maria do	Modulated structures	DPhil	1985	Yeomans, Julia	CMT
STRATTON, Rachel Anne.	Clustering in Light Nuclei.	DPhil	1985	Baldock, Richard	CMT
BARKER, Wendy Angela	The structure of ferromagnetic domains and domain walls close to the phase transition	DPhil	1984	Gehring, Gillian	CMT
LEWIS, Simon John	Spin waves in a dilute, two dimensional Heisenberg ferromagnet	DPhil	1984	O'Brien, M C M	CMT
ROBINSON, Peter Clive	Connectivity, flow and transport in network models of fractured media	DPhil	1984	Rae, John	CMT
RUBIO, Jose Alberto	Theory of Nuclear Structure and Reactions.	DPhil	1984	Buck, Brian	CMT
SCHWARZER, K H G	Electroweak radiative corrections in supersymmetric models of the electroweak interactions	DPhil	1984	Elliott, Roger	CMT
DJORDJEVIC, Rada	Theory of systems with bond disorders	DPhil	1983	Elliott, Roger	CMT
HARRIS, Christopher K	Critical aspects of dilution and spin dynamics	DPhil	1983	Stinchcombe, Robin	CMT
HUGGINS, J G	Theoretical aspects of the temperature dependence of molecular rotational tunneling in solids	DPhil	1983	Gehring, Gillian	CMT
LISTER, G. M. S.	The Jahn-Teller Effect; Some Applications of Group Theoretic and Computational Methods.	DPhil	1983	O'Brien, M C M	CMT
DAVIES, Mathew R	Static critical properties of the pure and diluted Heisenberg and Ising models	DPhil	1982	Stinchcombe, Robin	CMT
LINDSAY, Robert	Coupled-channel effects in $^{12}\text{C} + ^{12}\text{C}$ scattering	DPhil	1982	Buck, Brian	CMT
MUJEEB, Amtul	Critical properties of disordered systems	DPhil	1982	Stinchcombe, Robin	CMT
RORISON, Judy M	Group theory in the Jahn-Teller effect	DPhil	1982	O'Brien, M C M	CMT
BARRIO PAREDES, Rafael Angel	On the theory of amorphous solids and of excitons	DPhil	1981	Elliott, Roger	CMT
CHALKER, John Timothy	Two problems in the theory of critical phenomena: crossover behaviour and phase separation	DPhil	1981	Gehring, Gillian	CMT

Theoretical Physics Theses					
HARROP, M C	Properties of mixed valence compounds and planar ferromagnets	DPhil	1981	Elliott, Roger	CMT
HOPE, D A O	Magnetic and structural studies of some mixed metal oxides	DPhil	1981	Cheetham, A K; Gehring, Gillian	CMT
KASKI, Kimmo.	The Studies of Atomic Diffusion in Solids and of Diluted Ising Model.	DPhil	1981	Elliott, Roger	CMT
MARSH, Stephen Michael.	Theory of Nuclear Structure.	DPhil	1981	Buck, Brian	CMT
DOS SANTOS, Raimundo R	Critical properties of quantum spin systems at zero temperature	DPhil	1980	Stinchcombe, Robin	CMT
EVANGELOU, Spyridon M.	Dynamic Jahn-Teller Effects in Solids	DPhil	1980	O'Brien, M C M	CMT
FERRAZ, Alvaro	Metal-insulator transitions induced by electron correlation	DPhil	1980	March, Norman H	CMT
PEACH, R C	Perturbation theory treatments of the Jahn-Teller effect	DPhil	1980	Elliott, Roger	CMT
WALKER, Alison Bridget	Studies of disorder in fastionics and of a nuclear quadrupole interaction in ordered markets	DPhil	1980	Gehring, Gillian; Gillan, Mike	CMT
MERCHANT, Alan	Theoretical nuclear physics	DPhil	1979	Buck, Brian	CMT
YEOMANS, Julia	Critical Phenomena in Disordered Systems	DPhil	1979	Stinchcombe, Robin	CMT
MARLAND, Leo G	Renormalisation group study of discrete spin models and percolation	DPhil	1978	Stinchcombe, Robin	CMT
POOLER, David Reginald	Degenerate Jahn-Teller systems and some applications of continuous group theory	DPhil	1978	O'Brien, M C M	CMT
SNEDDON, Leigh	Critical phenomena in classical and quantum mechanical spin systems	DPhil	1978	Stinchcombe, Robin	CMT
ZIMAN, Timothy	Critical properties of random systems	DPhil	1978	Elliott, Roger	CMT
GONCALVES, Lindberg Lima	Theory of properties of some one-dimensional systems	DPhil	1977	Elliott, Roger	CMT
KLEPPMAN, W G	A theory of some properties of good ionic conductors	DPhil	1977	Elliott, Roger	CMT
WHEATLEY, Christopher John	A Theoretical Approach to Clustering in Light Nuclei.	DPhil	1977	Buck, Brian	CMT
TAGUENA DE MARTINEZ, Julia	Excitations in Heisenberg magnets at finite temperature	DPhil	1976	Elliott, Roger	CMT
LAGE, Eduardo J S	On the theory of disorder in the transverse Ising model	DPhil	1975	Stinchcombe, Robin	CMT
BUTTERY, Nigel E	Some properties and applications of spin-phonon models	DPhil	1974	Stinchcombe, Robin	CMT
EGRI, Ivan.	Theory of the "Stark Ladder" for Electrons in Crystals	MSc	1974	Not stated	CMT
SAVILLE, I D	On the theory of disordered magnets	DPhil	1973	Elliott, Roger	CMT
PEPPER, D E	Excitations in impure magnetic crystals	DPhil	1972	Elliott, Roger	CMT
REINECKE, Thomas L	Some problems in the theory of magnetic insulators	DPhil	1972	Stinchcombe, Robin	CMT
PALMER, Roger J	Magnetoresistance of semiconductors with phonon scattering	DPhil	1970	Stinchcombe, Robin	CMT
SMITH, A J	Some problems in the theory of the solid state	DPhil	1970	Elliott, Roger	CMT
COTTAM, Michael G	The correlation functions of a Heisenberg ferromagnet	DPhil	1969	Stinchcombe, Robin	CMT
WOOD, C	Topics in the theory of the solid state	DPhil	1969	Elliott, Roger	CMT
MERRETT, T H	Some topics in solid state physics	DPhil	1968	Elliott, Roger	CMT
RALPH, H I	Some topics in the theory of the solid state	DPhil	1967	Elliott, Roger	CMT
LEWIS, William W	Problems in the quantum theory of many-particle systems	DPhil	1966	Stinchcombe, Robin	CMT
PARKINSON, J B	Topics in the theory of the solid state	DPhil	1966	Elliott, Roger	CMT
HARTMANN, William Morris	Some problems in the theory of the solid state	DPhil	1965	Elliott, Roger	CMT

Theoretical Physics Theses					
TAYLOR, D W	Topics in the theory of the solid state	DPhil	1964	Elliott, Roger	CMT
MALLET, J F W	Magnetic scattering of neutrons	DPhil	1963	Elliott, Roger	CMT
SENNETT, C T	Some problems in the theory of solids	DPhil	1963	Elliott, Roger	CMT
WEDGWOOD, F A	Problems in solid state theory	DPhil	1963	Elliott, Roger	CMT
CHUDLEY, C T	The scattering of thermal neutrons from liquids and gases	DPhil	1962	Elliott, Roger	CMT
DAVIES, J T	Problems in the theory of the solid state	DPhil	1962	Elliott, Roger	CMT
HEAP, B R	Some problems in the theory of solid state	DPhil	1961	Elliott, Roger	CMT
STERN, H	Some topics in the theory of solid state	DPhil	1961	Elliott, Roger	CMT
LOUDON, Rodney	Some problems connected with the spectra of atoms in solids, being a study of the theory of the absorption edge in semiconductors	DPhil	1959	Elliott, Roger	CMT
ELLIOTT, Roger J	Some topics in paramagnetism (Concerning crystalline salts of the rare earths)	DPhil	1952	Stevens, K W H	CMT
HARKER, A. H.	Theory of Colour Centres in Ionic and Partly Covalent Crystals.				CMT