

Theoretical Physics Theses					
Author	Title	Course	Year	Supervisor(s)	Group
ALLISON, Kyle Francis	The Standard Model to the Planck scale	DPhil	2015	Sarkar, Subir	PT
LASENBY, Robert Norden	New Phenomenology from Asymmetric Dark Matter	DPhil	2015	March-Russell, John	PT
LAU, Richard Wei Kang	SO(N) gauge theories in 2+1 dimensions	DPhil	2015	Teper, Mike	PT
NIEDNER, Benjamin Johann Nikolaus	Conformal field theory and quantum gravity	DPhil	2015	Wheater, John	PT
SCOVILLE, James Adam	Searching for New Particles at the Large Hadron Collider: Theory and Methods for Extradimensional Supersymmetry	DPhil	2015	March-Russell, John	PT
SIKOROWSKI, Jakub Marek	Hidden structures in scattering amplitudes and correlation functions in supersymmetric Yang-Mills theories	DPhil	2015	Starinets, Andrei & Alday, Luis	PT
ANGUS, Stephen Andrew	Phenomenology of Dark Radiation and String Compactifications	DPhil	2014	Conlon, Joseph	PT
GROZDANOV, Saso	Hydrodynamics: from effective field theory to holography	DPhil	2014	Starinets, Andrei	PT
HARDY, Edward	Supersymmetry and Electroweak Fine Tuning	DPhil	2014	March Russell, John	PT
KAHLHOEFER, Felix Karl David	Phenomenology of Asymmetric Dark Matter	DPhil	2014	Sarkar, Subir	PT
KLAPUT, Michael Artur	Generalized Flux Compactifications of the Heterotic String	DPhil	2014	Lukas, Andre	PT
SVANES, Eirik Eik	Heterotic Compactification on Spaces of General 6-Structures	DPhil	2014	Lukas, Andre & De La Ossa, Xenia	PT
UNWIN, James	On connections between dark matter and the baryon asymmetry	DPhil	2013	March-Russell, John & Candelas, Philip	PT
CONSTANTIN, Andrei	Mathematical Aspects of String Theory Compactifications	DPhil	2013	Lukas, Andre	PT
GIASEMIDIS, Georgios	Spectral dimension in graph models of causal quantum gravity	DPhil	2013	Wheater, John	PT
KAPLIS, Nikolaos	Holographic quantum liquids	DPhil	2013	Starinets, Andrei	PT
WITKOWSKI, Lukas Thomas	Sequestering of Kähler moduli in type IIB string theory	DPhil	2013	Conlon, Joseph	PT
BULLIMORE, Mathew	Scattering Amplitudes and Wilson Loops in Twistor Space	DPhil	2012	March-Russell, John	PT
DAVISON, Richard Andrew	Excitations in holographic quantum liquids	DPhil	2012	Starinets, Andrei	PT
MARSH, David	The String Axiverse and Cosmology	DPhil	2012	Ferreira, Pedro; March-Russell, John	PT
MATTI, Cyril	Generalized compactification in heterotic string theory	DPhil	2012	Lukas, Andre	PT
McCABE, Christopher	Aspects of dark matter phenomenology	DPhil	2012	March-Russell, John	PT
MELIA, Tom	NLO QCD And two weak bosons at the LHC	DPhil	2012	Zanderighi, Giulia	PT
PEDRO, Francisco Gil	On Moduli Stabilisation and Cosmology in Type IIB Flux Compactifications	DPhil	2012	Conlon, Joe	PT
RONTSCH, Raoul Horst	Higher order QCD corrections to diboson production at hadron colliders	DPhil	2012	Zanderighi, Giulia	PT

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ATKIN, Max	Applications of Random Graphs to 2D Quantum Gravity	DPhil	2011	Wheater, John	PT
BENISHTI, Nessi	The AdS/CFT correspondence and symmetry breaking	DPhil	2011	Sparks, James; Lukas, Andre	PT
CASSEL, Sebastian	Naturalness of Electroweak Physics within Supergravity	DPhil	2011	Ross, Graham	PT
GABELLA, Maxime	The AdS/CFT correspondence and generalized geometry	DPhil	2011	He, Yang-Hui	PT
HORTON, Dean	Testing the SUSY Hypothesis Through Naturalness and Spin Measurements	DPhil	2011	Ross, Graham	PT
McCULLOUGH, Matthew	Topics in BSM physics: supersymmetry, dark matter and baryogenesis	DPhil	2011	March-Russell, John	PT
NADATHUR, Seshadri	Inflation, large-scale structure and inhomogeneous cosmologies	DPhil	2011	Sarkar, Subir	PT
PICKUP, Thomas	Investigating the conformal window of SU(N) gauge theories	DPhil	2011	Teper, Mike	PT
ATHENODOROU, Andreas	Closed Su(N) Flux Tubes as Bosonic Strings	DPhil	2010	Teper, Mike	PT
DAVIES, Rhys	Calabi-Yau threefolds and heterotic string compactification	DPhil	2010	Lukas, Andre	PT
HOTCHKISS, Shaun	Inflation, Beyond the Scalar Fluctuation Power Spectrum	DPhil	2010	Sarkar, Subir	PT
LEE, Seung Joo	Heterotic Calabi-Yau Compactifications with Monads	DPhil	2010	Lukas, Andre	PT
MERTSCH, Philipp	Cosmic ray backgrounds for dark matter indirect detection	DPhil	2010	Sarkar, Subir	PT
ROSA, Joao	Aspects of beyond the Standard Model string phenomenology	DPhil	2010	March-Russell, John; Sarkar, Subir	PT
WILSHIN, Simon	Identifiable Branes and their Realisation in Toy Models of String Theory	DPhil	2010	Wheater, John	PT
ANDERSON, Lara Briana	Heterotic and M-theory compactifications for string phenomenology	DPhil	2008	Candelas, Philip; Lukas, Andre	PT
ELLIOTT, Tanya	Topics in Quantum Geometry	DPhil	2008	Wheater, John	PT
HARRIES, Nicholas	Probing Supernova Shock Waves via Neutrino Oscillations	DPhil	2008	Ross, Graham	PT
HASSANAIN, Babiker	Particle Phenomenology from Warped Spaces	DPhil	2008	March-Russell, John	PT
RIVA, Francesco	Cosmological Consequences of Supersymmetric Flat Directions	DPhil	2008	March-Russell, John; Sarkar, Subir	PT
SERNA, Mario	Mass Determination of New Particle States	DPhil	2008	Ross, Graham	PT
THOMAS, Christopher	Strong and Electroweak Properties of Hadrons	DPhil	2008	Close, Frank	PT
BURNS, Timothy J.	The Production and Decay of Hybrid Mesons	DPhil	2007	Close, Frank	PT
FLACKE, Thomas	Aspects of the Phenomenology of Extra Dimensions	DPhil	2007	March-Russell, John	PT
VAIRINHOS, Helvio	Large- N Reduced Models of SU(N) Lattice Gauge Models	DPhil	2007	Teper, Mike	PT
VARZIELAS, Ivo de Medeiros	Family Symmetries and the Origin of Fermion Masses and Mixings	DPhil	2007	Ross, Graham	PT
BARRETT, Adam	M-theory on manifolds with G_2 holonomy	DPhil	2006	Lukas, Andre	PT
BURSA, Francis.	Phase Transitions In SU(N) Lattice Gauge Theory	DPhil	2006	Teper, Mike	PT
HUNT, Paul	The Cosmological Implications of Multiple Inflation	DPhil	2006	Sarkar, Subir	PT
LIDDLE, Jack	The deconfining phase transition for $2 + 1d$ SU(N_c) gauge theories	DPhil	2006	Teper, Mike	PT
TAYLOR, Andrew	The intergalactic propagation of ultrahigh energy cosmic rays'	DPhil	2006	Sarkar, Subir	PT

Theoretical Physics Theses					
RAMAGE, Michael	An Analysis of the Constrained MSSM With Non-Universal Soft Supersymmetry Breaking Terms From GUT and Family Symmetries	DPhil	2005	Ross, Graham	PT
WEST, Stephen Mathew	Neutrino masses, leptogenesis and dark matter from supersymmetry breaking	DPhil	2005	March-Russell, John	PT
CLEMENTS, David	Supersymmetry and phenomenology of heterotic and type 1 superstring models	DPhil	2004	Faraggi, Alon	PT
DUDEK, Jozef Jon	Phenomenology of exotic hadrons - hybrid mesons and pentaquarks	DPhil	2004	Close, Frank	PT
GARAVUSO, Richard S	SO (10) heterotic M-theory vacua	DPhil	2004	Faraggi, Alon; Isidro, Jose	PT
GRIPAIOS, B M	Field theories with local symmetry	DPhil	2004	March-Russell, John; Kogan, Ian	PT
MEYER, Harvey Byron	Glueball Regge trajectories	DPhil	2004	Teper, Mike	PT
NOOIJ, Sander E M	Classification of the chiral $Z^2 \times Z^2$ heterotic string models	DPhil	2004	Faraggi, Alon	PT
CARR, Sam T	Non-perturbative solutions to quasi-one-dimensional strongly correlated systems	DPhil	2003	Tsvetlik, Alexei	PT
CUNDY, Nigel	Instantons, topology, and chiral symmetry breaking in QCD	DPhil	2003	Teper, Mike	PT
HORN, Edward	Conformal field theory		2003	Wheater, John	PT
ISHIMOTO, Yukitaka.	Two-Point Functions and Boundary States in Boundary Logarithmic Conformal Field Theories.	DPhil	2003	Wheater, John	PT
SANTOS, Mario	Primordial effects in the CMB	DPhil	2003	Sarkar, Subir	PT
SEVILLA, Liliana E V	Bottom up approach to fermion family symmetries	DPhil	2003	Ross, Graham	PT
SKINNER, David	Cosmology of heterotic M-theory	DPhil	2003	Sarkar, Subir	PT
KAWAI, Shinsuke	Boundary Conformal Field Theory in Free-Field Representation	DPhil	2002	Wheater, John	PT
NICHOLS, Alexander.	Logarithmic Conformal Field Theory.	DPhil	2002	Kogan, Ian	PT
THORMEIER, Marc H.	Fermion Mass Matrices and Supersymmetry with Broken R-Parity.	DPhil	2002	Ross, Graham; Dreiner, Herbi	PT
AUSTING, Peter	Yang-Mills matrix theory	DPhil	2001	Wheater, John	PT
BHASEEN, Miraculous Joseph.	Logarithmic Conformal Field Theories of Disordered Dirac Fermions.	DPhil	2001	Tsvetlik, Alexei	PT
FERREIRA, Pedro Castelo Caetano	Heterotic, Open and Unoriented String Theories from Topological Membrane	DPhil	2001	Kogan, Ian	PT
JOHNSON, Robert W	Glueballs in Flatland.	DPhil	2001	Teper, Mike	PT
PAPAZOGLU, Antonios.	Brane-World Multigravity.	DPhil	2001	Kogan, Ian	PT
SANJAY	String theory in AdS_2 background	DPhil	2001	Kogan, Ian	PT
VINIEGRA, Fermin	Reheating in inflationary cosmology'	DPhil	2001	Sarkar, Subir	PT
CONTROZZI, Davide	Non perturbative aspects of strongly correlated electron system	DPhil	2000	Tsvetlik, Alexei	PT
RICHARDSON, Peter	Simulations of R-parity Violating SUSY Models	DPhil	2000	Dreiner, Herbi; Seymour, Mike	PT
WILLIAMS, Jennifer C.	Colour-Singlet Exchange and Tests of Models of Diffractive DIS	DPhil	2000	Ross, Graham	PT
CAMPBELL-SMITH, Adrian.	Infrared Physics of U(1) Gauge Field Theories in Three Dimensions.	DPhil	1999	Mavromatos, Nick E	PT
METIKAS, Georgios.	Aspects of Thermal Field Theory with Applications to Superconductivity.	DPhil	1999	Aitchison, I J R	PT
POKORSKI, Witold.	M-Theory Phenomenology.	DPhil	1999	Ross, Graham	PT

Theoretical Physics Theses					
SHARAN, Ujjawal.	Topology and chiral symmetry breaking in QCD.	DPhil	1999	Teper, Mike	PT
BROWN, William Edward.	The Development of Non-perturbative Methods for Supersymmetric and Non-supersymmetric Quantum Field Theories.	DPhil	1998	Kogan, Ian	PT
CAUX, Jean-Sebastien.	Multifractality for Disordered Fermions: from Logarithmic Conformal Field Theory to an Exact Solution.	DPhil	1998	Tsvetlik, Alexei (?)	PT
DIAS CORREIA, Joao Luis Goncalves.	The Transition Between Quenched and Annealed Exponents in Two-Dimensional Quantum Gravity.	DPhil	1998	Wheater, John	PT
GHILENCEA, Dumitru.	Unification Predictions for Supersymmetric Extensions of the Standard Model.	DPhil	1998	Ross, Graham	PT
LARSSON, Sebastian E.	Topological Defects from Cosmological Phase Transitions.	DPhil	1998	Sarkar, Subir	PT
LEWIS, Alexander	Logarithmic Conformal Field Theory.	DPhil	1998	Kogan, Ian	PT
McNEILL, Daniel Owen.	Strong Coupling Aspects of (2+1) Dimensional Gauge Field Theories.	DPhil	1998	Mavromatos, Nick E; Aitchison, I J R	PT
BIRKEL, Michael	Astroparticle Physics beyond the Standard Model	DPhil	1997	Sarkar, Subir	PT
COOPER, Leith.	The Topological Membrane Approach to String Theory.	DPhil	1997	Kogan, Ian	PT
GREEN, Andrew G.	Skyrmions in the Quantum Hall Effect.	DPhil	1997	Tsvetlik, Alexei	PT
ANTONUCCIO, Francesco A.	Glueballs and Mesons from (1+1)-Dimensional Gauge Theories with Transverse Degrees of Freedom.	DPhil	1996	Dalley, S	PT
CHAMOUN, Nidal.	QCD sum rules and their applications to deep inelastic scattering.	DPhil	1996	Ross, Graham	PT
HART, Alistair	Magnetic monopoles and confinement in lattice gauge theory	DPhil	1996	Not stated	PT
MIRZA, Behrouz.	On the Transition Between Crystalline and Gravitational Phases in Two Dimensional Theories with Matter Fields.	DPhil	1996	Wheater, John	PT
SHELTON, David G.	Low Dimensional Strongly Correlated Systems	DPhil	1996	Tsvetlik, Alexei	PT
WEST, Stephen T.	Z(3) Interfaces in Lattice Gauge Theory.	DPhil	1996	Wheater, John	PT
ADAMS, Jennifer Anne.	Cosmological Phase Transitions: Techniques and Phenomenology.	DPhil	1995	Sarkar, Subir	PT
DE SA, Paul Agnelo	Effects of boundaries and impurities on critical systems	DPhil	1995	Tsvetlik, Alexei	PT
LANZAGORTA, Marco.	Infra-red Fixed Points in Supersymmetric Grand Unified Theories.	DPhil	1995	Ross, Graham	PT
McDERMOTT, Martin Francis.	An investigation into the effects of introducing transverse momentum cutoffs on the BFKL equation.	DPhil	1995	Ross, Graham	PT
MICHELS, Amanda Therese	Aspects of lattice gauge theory	DPhil	1995	Teper, Mike	PT
PAGE, Philip R.	Gluonic Excitations in Mesons	DPhil	1995	Close, Frank	PT
PFAUDLER, Jakov	Feynman rules for non-Abelian monopoles	MSc	1995	Chan, Hong-Mo	PT
FARIDANI, Jacqueline	Dynamics of nonabelian Dirac monopoles	DPhil	1994	Chan, Hong-Mo	PT
FERGUSON, Neil Morris	Continuous interpolations from crystalline to dynamically triangulated random surfaces	DPhil	1994	Wheater, John	PT
HARRIS, Martin Guy.	Random Surfaces: Multiple Ising Spins Coupled to 2d Quantum Gravity.	DPhil	1994	Wheater, John	PT
STEPHANOV, Mikhail Alexeevich.	Scalar-Fermion Theories on the Lattice.	DPhil	1994	Teper, Mike	PT
TIGG, Jason.	Nonperturbative Techniques and the Operator Product Expansion in Studies of Dynamically Broken Chiral Symmetry.	DPhil	1994	Ball, Richard (?)	PT

Theoretical Physics Theses					
WAMBACH, Achim.	Consistent Application of Quark Models to Heavy Favour Physics.	DPhil	1994	Close, Frank	PT
ANTON , Fernando.	Half-String Oscillator Approach to Closed String Field Theory and Superconformal Minimal Models on the Torus.	DPhil	1993	Chan, Hong-Mo	PT
BENSON, Kevin E. C.	Aspects of the Electroweak Phase Transition and Baryogenesis.	DPhil	1993	Sarkar, Subir	PT
DA MOTA, Luis Antonio C. P.	Symmetry Breaking and Masses in Supersymmetric and Compactified String Models.	DPhil	1993	Coughlan, Guy; Ross, Graham	PT
HEZLET, Susan.	Aspects of CP Violation.	DPhil	1993	Dalitz, R H	PT
KLEIN-KREISLER, Martin	Chiral Symmetry Restoration in Finite Temperature QED ₃ .	DPhil	1993	Aitchison, I J R	PT
LOLA, Smaragda	Cosmological aspects of unified theories	DPhil	1993	Ross, Graham	PT
MACORRA, Axel de la	Supersymmetry breaking in 4D string theory	DPhil	1993	Ross, Graham	PT
McCURRY, John.	Experimental Implications of Supersymmetric Models with Explicitly Broken R-parity.	DPhil	1993	Llewellyn Smith, Chris	PT
MORETTO, Therese	Structure and Properties of Hadrons at Zero and Finite temperature	DPhil	1993	Teper, Mike	PT
THORNE, Robert S.	Renormalizability of Effective Scalar Field Theory.	DPhil	1993	Ball, Richard	PT
WANELIK, Kazimierz	Some Aspects of Adiabatic Evolution.	DPhil	1993	Aitchison, Ian	PT
MASUD, Bilal.	A Model for Systems of Two Quarks and Two Antiquarks.	DPhil	1992	Paton, Jack	PT
MOORHEAD, Martin Emilio	Reflectors in Cherenkov detectors		1992	Tanner, Neil	PT
WATSON, Nicholas Jay.	Coupled Cluster Methods in Lattice Gauge Theory.	DPhil	1992	Llewellyn Smith, Chris	PT
ABDURRAHMAN, A.	On the half-string formulation of Witten's string field theory.	DPhil	1991	Chan, Hong-Mo	PT
ADJALI, Mohamed Iqbal.	The Soliton of the Effective Chiral Action in the Two-Point Approximation.	DPhil	1991	Aitchison, I J R	PT
CLAGUE, David Edward.	Dynamical Symmetry Breaking by a Top Quark Condensate in the Standard Model.	DPhil	1991	Ross, Graham	PT
MONDRAGON CEBALLOS, Myriam	The Low-Energy Structure of Compactified Superstring Models	DPhil	1991	Ross, Graham	PT
AIT-TAHAR, Slimane	Damping Effects in the Isovector Giant Resonances.	DPhil	1990	Brink, D M; Buck, Brian	PT
BOERNER, Harald P W J	Neutral current electroweak interactions and the structure of the proton	DPhil	1990	Myatt, G	PT
CHEN, Jian	Alkali metal cluster theory	DPhil	1990	Brink, D M	PT
COPELAND, Timothy John	Monopoles and confinement in U(1) lattice gauge theory	DPhil	1990	Teper, Mike	PT
HARNISH, Robert George	The statistical properties of random surfaces	DPhil	1990	Wheater, John	PT
KANI, Iraj	Asymptotic degeneracy of states in string and conformal field theories	DPhil	1990	Vava, Cumrun	PT
LIAO, Hiu Chung.	Lagrangian Formulation of the Superconformal Field Theory.	DPhil	1990	Mansfield, Paul	PT
NELLEN, Lukas.	Half-String Formulation of Open Bosonic String Theory.	DPhil	1990	Chan, Hong-Mo	PT
PAVEL, Hans-Peter.	Nuclear Reactions at Ultrarelativistic Energies.	DPhil	1990	Brink, David	PT
PUGH, David John Rhydwyn.	Topological Structures in Lattice Gauge Theory.	DPhil	1990	Teper, Mike	PT
STEPHENSON, P. W.	Glueball Spectra with Twisted Boundary Conditions	DPhil	1990	Teper, Mike	PT

Theoretical Physics Theses					
THOMAS, Wayne R.	A Lattice Constituent Quark Picture of Hadrons.	DPhil	1990	Paton, Jack	PT
DE GROOT, Mark Frans Van Coeverden	Anomalies in string theory	DPhil	1989	Mansfield, Paul	PT
DOWRICK, Nigel	Non-perturbative QCD	DPhil	1989	McDougall, Neil	PT
MENEZES, Debora Peres.	Boson Mapping Techniques and the Nuclear Collective Motion.	DPhil	1989	Brink, D M; Bonatsos, D; Yoshinaga, Naotaka	PT
CATTERALL, Simon Marcus.	Numerical Studies of Field Theories on Random Lattices.	DPhil	1988	Wheater, John	PT
HASHIM, Hasnita.	Heavy Ion Transfer Reactions.	DPhil	1988	Brink, D M	PT
KATECHOU, Elissavet K.	Compactification and Effective Low Energy Field Theories.	DPhil	1988	Ross, Graham	PT
PROVIDENCIA, Maria Constanca.	Theory of nuclear structure and reactions.	DPhil	1988	Brink, David	PT
WITTIG, Hartmut Wilhelm Otto.	Numerical simulation of the SU(2)-Higgs model.	MSc	1988	Teper, Mike	PT
ANGELOPOULOS, V. D.	Low Energy Superstring Theory.	DPhil	1987	Dalitz, R H; Ellis, John	PT
BENTO, Maria de Conceicao Carrasquinho Apolonia.	Aspects of the Low Energy Physics of Strings and of Strongly Coupled Vector Bosons.	DPhil	1987	Llewellyn Smith, Chris	PT
BERTOLAMI, Orfeu.	Cosmological Implications of Supergravity and Superstring Theories.	DPhil	1987	Ross, Graham	PT
DE VRIES, Jean Pierre	A factorisation of collinear singularities	DPhil	1987	Llewellyn Smith, Chris	PT
FORD, Ian John.	Aspects of pure Quantum Chromodynamics on large lattices.	DPhil	1987	Dalitz, R H	PT
GERMAN VELGARDE, G.	Aspects of Gravity and Supergravity Theories.	DPhil	1987	Ross, Graham	PT
MAVROMATAS, Nikolaos E	Aspects of the low energy limit of string theories	DPhil	1987	Llewellyn Smith, Chris	PT
MIRON, Paul Jeremy	Three generation compactification of the heterotic superstring	DPhil	1987	Aitchison, Ian	PT
PERANTONIS, Stavros	Model Calculations in Quantum Chromodynamics and Other Field Theories	DPhil	1987	Paton, Jack	PT
BLAIR, Grahame A.	Superstring Inspired Phenomenology.	DPhil	1986	Dalitz, R H; Ross, Graham	PT
GILDAY, Alan J	Semiclassical theory of heavy ion fusion reactions	DPhil	1986	Brink, D M	PT
GREENE, Brian R	Superstrings: topology, geometry and phenomenology & astrophysical implications of supersymmetric models	DPhil	1986	Ross, Graham; Binney, James	PT
KALIVAS, Nickolas George	Heat kernel regularisation and the stochastic quantisation of superfields	DPhil	1986	Parsons, Nigel; Llewellyn Smith, Chris	PT
KIRKLIN, Kelly Hewitt	Topological phenomenology from the field theory limit of the superstring	DPhil	1986	Aitchison, Ian; Chadha, S	PT
MERLIN, John H.	Hybrid Mesons in the Flux-Tube Model.	DPhil	1986	Paton, Jack	PT
TONKIN, Susan Pamela.	A Study of the Vacuum of Quantum Chromodynamics.	DPhil	1986	Llewellyn Smith, Chris	PT
TUDOR, Kathryn Elaine.	Numerical Studies of Lagrangians for Skyrme Type Models of the Nucleon.	DPhil	1986	Aitchison, I J R	PT
COUGHLAN, G D	Cosmological inflation and supersymmetric particle physics: implications for the big-bang theory	DPhil	1985	Ross, Graham	PT
LO MONACO, Luigi	Nucleon Transfer in Heavy Ion Reactions.	DPhil	1985	Brink, D M	PT

Theoretical Physics Theses					
RIBIERO, Jose Emilio F T	Coloured quarks and the short range nucleon-nucleon interaction	DPhil	1985	Dalitz, R H	PT
SCHAASER, Horst	Coherent states in the interacting boson model of the nucleus	DPhil	1985	Brink, D M	PT
TORRES LABANSAT, Manuel	The strangeness-exchange reactions for K-d capture from rest in deuterium	DPhil	1985	Dalitz, R H	PT
WILKINSON, Stephen K	Low-energy N=1 supergravity and N=2 supersymmetry models	DPhil	1985	Ross, Graham; Dalitz, R H	PT
ZUK, Josef A.	Derivative Expansion of the One-Loop Effective Action.	DPhil	1985	Aitchison, Ian	PT
DE VILLIERS, Geroffrey Derek	Some aspects of Wilson loop theory	DPhil	1984	Dalitz, R H	PT
HARRISON, P R	Aspects of supersymmetric phenomenology	DPhil	1984	Llewellyn Smith, Chris	PT
OAKLEY, C. J.	Quantum Field Theories of Arbitrary Spin.	DPhil	1984	Ross, Graham	PT
ADIOS, Fernando D. S. S. dos.	Semiclassical Theory of Coulomb Excitation.	DPhil	1983	Brink, D M	PT
CARYDAS, Demetrios C.	Several Topics in the Quark Theory of Hadrons.	DPhil	1983	Dalitz, R H	PT
DUNCAN, M. J.	Constraints on Supersymmetric QCD from Low-Energy Phenomenology.	DPhil	1983	Paton, Jack	PT
GERMAN VELGARDE, G.	Classical Yang-Mills Theory with External Sources.	MSc	1983	Aitchison, I J R; Ross, Graham	PT
JONES, S K	Developments in low energy supersymmetry	DPhil	1983	Llewellyn Smith, Chris	PT
WHITE, Halvard J.	Two Loop Q.C.D. Corrections to Weak Non Leptonic Processes.	DPhil	1983	Ross, Graham	PT
ANTHONY, S. J.	Lattice Gauge Theories.	DPhil	1982	Ross, Graham	PT
BROWNE, Anne M.	Theory of Muon Behaviour and Related Phenomena in Solids.	DPhil	1982	Stoneham, A M	PT
DEAN, David Robert	Theory of Nuclear Structure.	DPhil	1982	Rowley, Neil; Buck, Brian	PT
GARDNER, E J	Non-perturbative effects in gauge theories and the gauge approximation	DPhil	1982	Aitchison, Ian	PT
WHEATER, J. F.	The Determination of the Electroweak Mixing Angle from Experiments.	DPhil	1982	Llewellyn Smith, Chris	PT
ZIRNBAUER, Martin R.	Microscopic Approach to the Interacting Boson model	DPhil	1982	Brink, David	PT
CHRISTOS, G. A.	Q.C.D., Colours, Flavours and Symmetries.	DPhil	1981	Llewellyn Smith, Chris	PT
DORIA, R M	Infrared problems in QCD and related topics	DPhil	1981	Taylor, J C	PT
FRASER, Caroline M.	Some Two-Body Problems.	DPhil	1981	Dalitz, R H	PT
GANOULIS, Nikolaos	Spherically Symmetric Monopole Solutions.	DPhil	1981	Heimann, Robert	PT
KANG, Ilwon.	Some Hard Photon Induced Processes in QCD.	DPhil	1981	Llewellyn Smith, Chris	PT
LOPES NETO, Joaquim	Path Integral Theory and Deep Inelastic Scattering of Nuclei	DPhil	1981	Brink, David	PT
MACIEL, Arthur K A	Hadronic couplings and the quark model	DPhil	1981	Paton, Jack	PT
MONAGHAN, Sean	Q.C.D.; Glue-Balls and Gluon Mixing into Hadrons.	DPhil	1981	Close, Frank	PT
PENDLETON, B. J.	Infra-Red Fixed Points in Unified Field Theories.	DPhil	1981	Ross, Graham	PT
BONACCORSO, Angela.	A Microscopic Theory of the Alpha-Nucleus Optical Potential.	DPhil	1980	Brink, D M	PT
DE ALCANTARA BONFIM, O. F.	Renormalization Group Approach to Critical Phenomena in ϕ^3 Field Theory	DPhil	1980	Not stated	PT
DUANE, Simon.	Critical Properties of Non-Linear Field Theories.	DPhil	1980	Green, Mike	PT

Theoretical Physics Theses					
MADDISON, Geoffrey P	Nuclear dynamics in the time-dependent Wigner representation	DPhil	1980	Brink, D M	PT
ANDRASI, Angelka	Comparison of massive and dimensional regularization of infrared divergences	DPhil	1979	Taylor, J C	PT
CARTER, Ashton B	Hard processes in perturbative QCD	DPhil	1979	Llewellyn Smith, Chris	PT
FAGE, P.S.	The Three-Body Problem and Baryon Spectroscopy	DPhil	1979	Not stated	PT
HEMMING, Christine Roselies.	$K^- \rightarrow \pi^-$ - Reactions at 0° on Deuterium and Other Nuclei.	DPhil	1979	Dalitz, R H	PT
McGINLEY, James G.	K-Nucleon Scattering and Models of the $\Lambda(1405)$ Resonance.	DPhil	1979	Dalitz, R H	PT
PARKER, Kenneth R	Unitarity corrections and three-pion dynamics up to spin two	DPhil	1979	Aitchison, Ian	PT
GEORGIEV, Boyko Z.	Exchange Effects in Proton Inelastic Scattering from Deformed Nuclei.	DPhil	1978	Hodgson, P E	PT
HAMILTON, James K.	Shape Determination of Deformed Nuclei by Inelastic Scattering of Nucleons.	MSc	1978	Mackintosh, R S	PT
KENWAY, R. D.	The Particle Spectra of Confining Field Theories.	DPhil	1978	Sinclair, Don	PT
LOMNITZ-ADLER, J	Generator coordinate techniques in nuclear scattering	DPhil	1978	Brink, D M	PT
CANDELAS, P.	Quantum Gravitation.	DPhil	1977	Sciama, D W; Raine, D J; Brown, M R	PT
DELLAFIORE, Alberto.	Excitation Mechanisms of the Nucleus.	DPhil	1977	Brink, D M	PT
GARCIA ALVAREZ-COQUE, Arturo.	Infrared Problems in Gauge Theories.	DPhil	1977	Taylor, J C	PT
HINCHLIFFE, Ian.	Detailed Treatment of Scaling Violations in Weak and Electromagnetic Processes.	DPhil	1977	Llewellyn Smith, Chris	PT
PONTING, David Kenneth.	Production Processes in Dual Unitarisation.	DPhil	1977	Chan, Hong-Mo; Paton, Jack; Aitchison, Ian	PT
CANTO, Luiz Felipe A. de U.	Microscopic Description of the Collisions Between Nuclei.	DPhil	1976	Brink, D M	PT
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