



List B

Combinatorial staff, research students, lecture courses and seminars at departments in Britain

An asterisk denotes a contact name from whom further information can be obtained.

Under most entries the combinatorial journals currently being taken are listed; a key to the titles is as follows:

| | | | |
|---|---|---|--|
| A | Aequationes Mathematica | N | Discrete Mathematics |
| B | Algebra Universalis | O | Discussiones Mathematicae: Graph Theory |
| C | Ars Combinatoria | P | European Journal of Combinatorics |
| D | Australasian Journal of Combinatorics | Q | Finite Fields and Applications |
| E | Biometrics | R | Geometriae Dedicata |
| F | Biometrika | S | Graphs and Combinatorics |
| G | Bulletin of the Institute of Combinatorics and its Applications | T | IEEE Transactions on Information Theory |
| H | Combinatorica | U | Journal of Algebraic Combinatorics |
| I | Combinatorics, Probability and Computing | V | Journal of Combinatorial Design |
| J | Design, Codes and Cryptography | W | Journal of Combinatorial Mathematics and Combinatorial Computing |
| K | Discrete and Applied Geometry | X | Journal of Combinatorial Theory Series A |
| L | Discrete and Computational Geometry | Y | Journal of Combinatorial Theory Series B |
| M | Discrete Applied Mathematics | Z | Journal of Cryptology |
| a | Journal of Geometry | f | Order |

- | | | | |
|---|---|---|--------------------------------------|
| b | Journal of Graph Theory | g | Random Structures and Algorithms |
| c | Journal of Statistical Planning and Inference | h | SIAM Journal on Discrete Mathematics |
| d | Linear Algebra and its Applications | i | Utilitas Mathematica |
| e | Networks | | |

UNIVERSITY OF ABERDEEN

Business School

University of Aberdeen, Edward Wright Building, Dunbar Street, Old Aberdeen, AB24 3QY.

Tel: 01224 272167

<http://www.abdn.ac.uk/business>

Dr J.D. Lamb* (graphs, matroids, combinatorial optimisation)

Current Periodicals; J, P, Q, T, W

UNIVERSITY OF WALES, ABERYSTWYTH

Institute of Mathematical & Physical Sciences

University of Wales, Aberystwyth SY23 3BZ.

Tel: 01970 622802 Fax: 01970 6227777

<http://www.aber.ac.uk/~matwww>

Prof. V.C. Mavron* (designs, codes)

Dr. T.P. McDonough (designs, permutation groups, codes)

Prof. A.O. Morris (Emeritus Professor, representation theory and algebraic combinatorics)

Visitors

Professor J.D. Key (Clemson, July/August 2005),

Professor H.N. Ward (Virginia, May 2005)

Research student

C Andreou (Regular Hadamard Matrices)

Lecture courses

Graphs and Network (24 lectures, u/g, Dr. V. C. Mavron)

Groups (20 lectures, u/g, Dr. T. P. McDonough)

Current periodicals: P, U, X, h

UNIVERSITY OF WALES, BANGOR

Department of Mathematics

School of Informatics, University of Wales, Dean Street, Bangor, Gwynedd LL57 1UT.

Tel: 01248 382686 Fax: 01248 361429

<http://www.informatics.bangor.ac.uk/public/math/>

Dr. N.W. Rymer (graph colourings, stable assignments)

Dr. C.D. Wensley* (combinatorial group theory, combinatorial species)

Lecture courses

Automata Theory (20 lectures, 2nd year u/g, Dr. Wensley)

Groups and Symmetry (20 lectures, 3rd year u/g, Dr. Wensley)

Graphical algorithms (20 lectures, 3rd year u/g, Dr. Rymer)

Combinatorial structures (20 lectures, 3rd year u/g, Dr. Rymer)

Current periodicals: none

UNIVERSITY OF BATH

Department of Mathematical Sciences

University of Bath, Bath, BA2 7AY

Tel: 01225 386989 Fax: 01225 386492

<http://www.bath.ac.uk/math-sci>

Prof. Mathew Penrose

QUEEN'S UNIVERSITY BELFAST

Department of Pure Mathematics

Queen's University Belfast, Belfast BT7 1NN.

Tel: 028 9027 3661 Fax: 028 9033 5076

<http://www.qub.ac.uk/mp/pmt/>

Dr. L. Halbeisen

BIRKBECK COLLEGE

School of Economics, Mathematics and Statistics

Birkbeck College, Malet Street, London WC1E 7HX.

Tel: 0207 631 6428 Fax: 0207 631 6416

<http://www.econ.bbk.ac.uk>

Dr. A. Bowler* (symmetric designs, combinatorial matrices, permutation groups)

School of Computer Science and Information Systems

Birkbeck College, Malet Street, London WC1E 7HX.

Tel: 0207 631 6700 Fax: 0207 631 6727

<http://www.dcs.bbk.ac.uk>

Dr. T.I. Fenner (combinatorial algorithms, probabilistic algorithms, random graphs)

Dr. K. Gibson (cryptography, combinatorial algorithms)

Prof. G. Loizou (combinatorial algorithms)

UNIVERSITY OF BIRMINGHAM

School of Mathematics

University of Birmingham, Edgbaston, Birmingham B15 2TT.

Tel: 0121 414 6581 Fax: 0121 414 3389

<http://www.mat.bham.ac.uk>

Dr. P. Butkovic* (Combinatorial Optimisation)

Prof. R.T. Curtis (Group Theory, Representation Theory)

Dr. A.D. Gardiner (Graph theory)

Dr. B. Holmes (Group Theory)

Dr. D. Kühn (Graph Theory, Extremal Problems, Probabilistic Methods)

Dr. D. Osthus (Graph theory, extremal problems, probabilistic methods, random graphs, randomized algorithms)

Dr. C.W. Parker (Group Theory)

Research Students

A. Al-Roqi, M. van Gans, S. Lewis, S. Nickerson, S. Whyte, M. Clelland, R. Abbott, R. Fowler, M. Bate, M. Gomez, T. Parker, A. Lloyd, I. Mee Seong, L. Haynes

Lecture courses

Combinatorial Optimisation (22, 3rd year, Dr. Butkovic)

Combinatorics (22, 3rd year, Dr. Gardiner)

Discrete Mathematics (22, 1st year, Dr. Gardiner)

Geometry of Groups (22, 4th year, Prof. Curtis)

Current periodicals: None

BRUNEL UNIVERSITY

Department of Mathematical Sciences

Brunel University, Kingston Lane, Uxbridge, Middlesex UB8 3PH.

Tel: 01895 274000 Fax: 0189 5203303

<http://www.brunel.ac.uk/depts/ma>

[Mitra, Prof. Gautam](#) (combinatorial optimisation)

[Noble, Dr. Steven](#)* (graph theory, combinatorial optimisation)

[Krasikov, Dr. Ilia](#) (graph theory, combinatorial number theory, coding theory, orthogonal polynomials)

Research Students

Angela Koller (Dr. Noble, The Frequency Assignment Problem)

Lecture courses

Encryption and Data Compression (48 lectures, 3rd year u/g, Dr. Krasikov)

Algebra and Discrete Mathematics (48 lectures, 2nd year u/g, Dr. Krasikov and Dr. Noble)

Discrete Mathematics, Probability and Statistics (48 lectures, 1st year u/g, Dr. Noble and Mrs. Browne)

Working paper series

Technical Reports of Department of Mathematics (Ms. B. Curr)

Current Periodicals: G, h

UNIVERSITY OF CAMBRIDGE

Department of Pure Mathematics and Mathematical Statistics

Centre for Mathematical Sciences, Wilberforce Rd, Cambridge CB3 0WB.

Tel: 01223 337999 Fax: 01223 337920

<http://www.dpmms.cam.ac.uk/>

Dr. H.T. Croft (Peterhouse)

Prof. W.T. Gowers (Trinity)

Dr. I.B. Leader* (Trinity)

Dr. J. Saxl (Caius)

Prof. A. Thomason (Clare)

Fellows

Dr. B. Bollobás (Trinity)

Dr. B. Green (Trinity)

Dr. L. Pebody (Trinity)

Dr. O. Pikhurko (St. John's)

Dr. O.M. Riordan (Trinity)

Dr. M. Walters (Trinity)

Research students

Mansur Boase (Prof. Gowers)

Demetres Christofides (Dr Leader)

David Conlon (Prof Gowers)

J.S. Myers (Prof. Thomason)

George Petridis (Prof. Gowers)

P.A. Russell (Dr. Leader)

A.J. Sanders (Dr. Leader)

Tom Sanders (Prof. Gowers)

Peter Wagner (Prof. Thomason)

Julia Wolf (Prof. Gowers)

Lecture courses

Numbers and Sets (24 lectures, Part 1A, Prof. Gowers)

Codes and Cryptography (12 lectures, Part 2A)

Graph Theory (16 lectures, Part 2A)

Combinatorics (16 lectures, Part 2B, Prof. Thomason)

Topics in Combinatorics (24 lectures, Part 3, Prof. Gowers)

Probabilistic Combinatorics (24 lectures, Part 3, Prof. Thomason)

Ramsey Theory (16 lectures, Part 3, Dr. Leader)

Seminar

Combinatorics (Thursdays at 2p.m.)

Judge Institute of Management

Trumpington Street, Cambridge CB2 1AG

Tel: 01223 339700 Fax: 01223 339701

<http://www.jims.cam.ac.uk/>

Dr R. Steinberg

UNIVERSITY OF CARDIFF

School of Computer Science

Cardiff University, Queen's Buildings, Newport Road, PO Box 916, Cardiff CF24 3XF.
Tel: 029 2087 4812 Fax: 029 2087 4598

<http://www.cs.cardiff.ac.uk/>

S.M. Allen* (20876070) (mobile communications, frequency assignment, combinatorial optimisation, latin squares)

S. Hurley (20874749) (mobile communications, frequency assignment, combinatorial optimisation)

R. Whitaker (20876999) (mobile communications, frequency assignment, combinatorial optimisation, latin squares)

Lecture courses

Discrete mathematics I (1st year u/g)

Discrete mathematics II (2nd year u/g)

Information Security (3rd year u/g)

Optimisation and Meta-Heuristics (3rd year u/g)

Discrete mathematics (MSc)

CITY UNIVERSITY LONDON

Faculty of Actuarial Science and Statistics

Cass Business School, 106 Bunhill Row, London EC1Y 8TZ

Tel: 020 7040 0140 Fax: 020 7040 8772

<http://www.cass.city.ac.uk/facact>

Prof. C. Glass

UNIVERSITY OF DUNDEE

Division of Applied Computing

University of Dundee, Dundee DD1 4HN.

Tel: 01382 344151 Fax: 01382 345509

<http://www.computing.dundee.ac.uk>

Dr. K.J. Edwards*(Graph colourings, graph decompositions, complexity) (344463)

Research student

D. Campbell (Dr. Edwards).

Division of Mathematics

University of Dundee, 23 Perth Road, Dundee DD1 4HN.

Tel. 01382 344471 Fax 01382 345516

<http://www.maths.dundee.ac.uk>

Sands, Dr. Arthur (Combinatorial problems on finite Abelian groups; retired)

Current Periodicals: T, V, b, d

DURHAM UNIVERSITY

Department of Mathematical Sciences

University of Durham, South Road, Durham DH1 3LE.

Tel: 0191 374 2349 Fax: 0191 374 7388

<http://www.maths.dur.ac.uk>

Dr. N. Martin*

Department of Computer Science

Science Laboratories, South Road, Durham DH1 3LE

Tel: 0191 33 41700 Fax: 0191 33 41701

<http://www.dur.ac.uk/computer.science>

Prof. H. Broersma

Dr. S. Dantchev

Dr. T. Friedetsky

Dr. M. Johnson

Dr. D. Paulusma

Dr. A. Krokhin

Prof. I.A. Stewart

Dr. S. Szeider

UNIVERSITY OF EAST ANGLIA, NORWICH

School of Mathematics

University of East Anglia, Norwich NR4 7TJ.

Tel: 01603 456161 Fax: 01603 259515

<http://www.mth.uea.ac.uk>

Prof. A.R. Camina (block designs, finite groups) (ext. 592849),

Dr. M. Dzamonja (logic, set theory, infinite combinatorics) (ext. 592981)

Dr. D.M. Evans (permutation groups, automorphism groups of infinite structures) (ext. 592594)

Dr. I.J. Siemons* (permutation groups, topological and homological methods) (ext. 592578)

Prof. A.E. Zalesskii (group theory, ring theory) (ext. 593710)

Research associates

Dr. Philip Maynard

Research students

E. McFarlane (Dr Camina)

H. Nuebling (Dr Evans)

G. Piper (Dr Dzamonja)

K. Thompson (Dr Dzamonja)

H. Treacher (Dr Siemons)

R. Vincent (Prof Zalesski)

Lecture courses

Discrete Mathematics (2nd year u/g)

Set theory (3rd year u/g in 2002/3)

Linear algebra and linear groups (3rd year u/g in 2002/3)

Infinite permutation groups (4th year, p/g, Dr Evans in 2003/4)

Representation Theory (3rd year u/g, in 2003/4)

Codes and designs (3rd year u/g in 2003/4)
Graph theory (3rd year in 2002/3)
Group theory (3rd year in 2003/4)
Computability (3rd year in 2003/4)
Model theory (3rd year in 2003/4)

UNIVERSITY OF EDINBURGH

School of Informatics

2 Buccleuch Place, Edinburgh EH8 9LW
Tel. 0131 650 2691 Fax: 0131 650 6626

<http://www.inf.ed.ac.uk>

Dr. Mary Cryan (algorithms and complexity)

Prof. Mark Jerrum* (combinatorial algorithms, computational complexity, random structures)

Lecture Courses

Algorithms and Data Structures (3rd year u/g)

Computability and Intractability (3rd year u/g, MSc)

Computational Complexity (4th year u/g, MSc, 1st year PhD)

Current Periodicals: E, H, M, T, X, Y,

UNIVERSITY OF ESSEX

Department of Mathematical Sciences

University of Essex, Wivenhoe Park, Colchester CO4 3SQ.

Tel: 01206 873040 Fax: 01206 873043

<http://www.essex.ac.uk/math>

Prof. P.M. Higgins* (combinatorics of algebraic semigroup theory)

Tel: 01206 873019 Fax: 01206 873043

Dr. David Penman

Mr. Chris Saker

Dr. A. Salhi (combinatorial optimisation)

Dr. Alexei Vernitski

Tel: 01206 873022 Fax: 01206 873043

Research students

Eleni Maistrelli

Lecture courses

One half of the second year algebra course (20 lectures) is combinatorics.

Combinatorial optimisation (40 lectures, 3rd year u/g)

Current periodicals: C, D, K, Y

UNIVERSITY OF EXETER

Department of Mathematical Sciences

University of Exeter, North Park Road, Exeter EX4 4QE.

Tel: 01392 264464 Fax: 01392 263997

<http://www.maths.ex.ac.uk/indexpage>

Dr. R.J. Chapman* (finite fields, coding theory, enumerative combinatorics)

Dr. P.A. Firby (p/t) (distance and heterogeneity in graphs, applications to mathematical biology)

Prof. P. Vámos (representation of matroids)

Lecture courses

Discrete Mathematics (30 lectures, 1st year u/g, Robin Chapman)

Graph theory (33 lectures, 3rd year u/g, Peter Firby)

Coding Theory (3rd year u/g, Dr. Stratton)

Current periodicals: C, D, W

UNIVERSITY OF GLAMORGAN

Division of Mathematics and Statistics

University of Glamorgan, Pontypridd, Mid Glamorgan CF37 1DL.

Tel: 01443 482251 Fax: 01443 482711

<http://www.glam.ac.uk/sot/doms>

Prof. D.H. Smith* (frequency assignment, network reliability, coding theory)

Dr. S. Perkins (coding theory, synchronization)

Dr. A. Robertshaw (graph theory)

Lecture courses

Codes and Information (3rd year u/g, Prof. Smith, Dr. Perkins)

Network flows and reliability (3rd year u/g, Prof. Smith)

Combinatorics (2nd year u/g, Dr. Perkins)

Current periodicals: N, T, X, Y, e

UNIVERSITY OF GLASGOW

Department of Mathematics

University of Glasgow, University Gardens, Glasgow G12 8QW.

Tel: 0141 330 5176 Fax: 0141 330 4111

<http://www.maths.gla.ac.uk>

Dr. I. Anderson* (designs, whist tournaments)

Dr. S.D. Cohen (application of finite fields)

Research student

L. Ellison (designs, Dr. Anderson)

Lecture courses

Designs and codes (25 lectures, 4th year u/g, Dr. Anderson)

Discrete mathematics (24 lectures, 3rd year u/g, Dr. Anderson)

Graphs and networks (22 lectures, 2nd year u/g, Dr. Steiner)

Occasional combinatorial seminars

Department of Computing Science

17 Lilybank Gardens, Glasgow G12 8QQ

Tel: 0141 330 4256 Fax: 0141 330 4913

<http://www.des.gla.ac.uk>

Dr. R.W. Irving (combinatorial and graph algorithms)

Dr. D.F. Manlove (combinatorial and graph algorithms)

Lecture course

Algorithms (4th year u/g)

Research students

Greg O'Malley (Dr. Manlove)

Colin Sng (Dr. Manlove)

Lecture courses

Algorithms (4th year u/g, Dr. Irving)

Current periodicals: C, E, F, M, N, O, P, Q, T, V, X, Y, b, c, h, i

GLASGOW CALEDONIAN UNIVERSITY

School of Computing and Mathematical Sciences

Glasgow Caledonian University, Cowcaddens Road, Glasgow G4 0BA.

Tel: 0141 331 3609 Fax: 0141 331 3005

<http://www.gcal.ac.uk/cms>

Dr. V. Jha* (finite geometries)

Current periodicals: none

GOLDSMITHS COLLEGE

Department of Computing

Goldsmiths College, University of London, New Cross, London SE14 6NW.

Tel: 0207 919 7850 Fax: 0207 919 7853

<http://www.mcs.gold.ac.uk>

Dr. I. Pu* (combinatorial algorithms, randomized, parallel, probabilistic and average case algorithmics)

B. Cosh (graph connectivity)

Lecture courses

Discrete Mathematics (1st year u/g)

Graph Theory (3rd year u/g)

Data Structures and algorithms (2rd year u/g, Dr. Pu)

Current Periodicals: X, Y, b

GOVERNMENT COMMUNICATIONS HEADQUARTERS

Priors Road, Cheltenham GL52 5AJ.

Tel: 01242 221491 Fax: 01242 226816

C.C. Cocks (Chief Mathematician)

Dr. R.G.E. Pinch*

UNIVERSITY OF GREENWICH

School of Computing and Mathematical Sciences

University of Greenwich, London, SE18 6PF

Tel: 0208 316 8000 Fax: 0208 855 4033

<http://cms1.gre.ac.uk>

Prof. V.A. Strusevich (Scheduling Theory)

Current Periodicals: T

HERIOT-WATT UNIVERSITY

Department of Mathematics

Heriot-Watt University, Riccarton, Edinburgh EH14 4AS.

Tel: 0131 451 3221 Fax: 0131 451 3249

<http://www.ma.hw.ac.uk/math.html>

Dr. A.R. Prince* (finite geometries, finite group theory)

Lecture course

Discrete mathematics (45 lectures, 3rd year honours degree, Dr. Prince)

Department of Actuarial Mathematics and Statistics

Heriot-Watt University, Riccarton, Edinburgh EH14 4AS.

Tel: 0131 451 3202 Fax: 0131 451 3249

<http://www.ma.hw.ac.uk/ams.html>

Dr. Jennie Hansen

Current periodicals: E, F, I, c, g, h

UNIVERSITY OF HULL

Department of Mathematics

University of Hull, Cottingham Road, Hull HU6 7RX.

Tel: 01482 465885 Fax: 01482 466218

<http://www.hull.ac.uk/math/>

Prof. R. Shaw* (Emeritus) (finite geometry)

Department of Computer Science

University of Hull, Hull HU6 7RX

Tel: 01482 465951/465067 Fax: 01482 466666

<http://www2.dcs.hull.ac.uk>

Dr. N.A. Gordon (465038) (finite geometry, computer algebra)

Research report series

<http://www.hull.ac.uk/math/people/rs/staffdetails.html>

Current periodicals: J, P, R, T

IMPERIAL COLLEGE LONDON

Department of Mathematics

Imperial College London, London SW7 2AZ.

Tel: 0207 594 8517 Fax: 0207 594 8483

<http://www.ma.ic.ac.uk>

Prof. G.D. James

Prof. M. Liebeck

Dr. L. White

KEELE UNIVERSITY

Department of Mathematics

Keele University, Keele, Staffordshire ST5 5BG.

Tel: 01782 583258 Fax: 01782 584268

<http://www.keele.ac.uk/depts/ma/math.html>

Dr. D. Bedford* (583468) (latin squares; designs)

<http://www.keele.ac.uk/depts/ma/people/db.html>

Dr. J. Preater

K. Walker (583268) (graphs)

Lecture courses

Graph theory (30 lectures, 3rd year u/g, Dr. Bedford)

Discrete mathematics (30 lectures, 3rd year u/g, Dr. Bedford)

Current periodicals: E, F, H, S, V, X, Y, b, h

UNIVERSITY OF KENT

Institute of Mathematics, Statistics and Actuarial Science

Cornwallis Building, University of Kent, Canterbury, Kent CT2 7NF.

Tel: 01227 827181 Fax: 01227 827932

<http://www.kent.ac.uk/IMS/>

G.M. Clarke (823280) (non-orthogonal Graeco-Latin designs)

Prof. P Fleischmann (823654) (algebraic combinatorics, root systems, Mobius function)

Prof. S.C. Pearce (827901) (block designs; row and column designs)

Prof. D.A. Preece* (827901) (Graeco-Latin designs, nested BIBDs, single-change covering designs, neighbour designs)

D.H. Rees (01243 375250) (non-orthogonal Graeco-Latin designs, nested BIBDs, neighbour designs)

Dr. B.J. Vowden (823649) (Graeco-Latin designs)

Dr. C.F. Woodcock (823803) (orthogonal Latin squares)

Lecture courses

Discrete mathematics (30 lectures, 3rd year u/g, Dr. Woodcock)

Computational algebra (30 lectures, 3rd year u/g, Prof. Fleischmann)

Current periodicals: E, F, T

KING'S COLLEGE LONDON

Department of Computer Science

King's College, Strand, London, WC2R 2LS

Tel 020 7848 2588 Fax: 020 7848 2851

<http://www.dcs.kcl.ac.uk>

Dr Colin Cooper

UNIVERSITY OF LANCASTER

Department of Mathematics and Statistics

Fylde College, University of Lancaster, Lancaster LA1 4YF.

Tel: 01524 593960 Fax: 01524 592681

<http://www.maths.lancs.ac.uk>

Prof. A.G. Chetwynd (combinatorial applications in statistics)

<http://www.maths.lancs.ac.uk/~chetwynd/>

Current periodicals: E, F, T, Y, b, e

UNIVERSITY OF LEEDS

School of Mathematics

University of Leeds, Leeds LS2 9JT.

Tel: 0113 3435140 Fax: 0113 3435090

<http://amsta.leeds.ac.uk>

Prof. S.B. Cooper (graph theory, Ramsey theory, finite set systems),

Dr. V.V. Kisil

Prof. H.D. Macpherson* (permutation groups and related combinatorics),

Prof. J.K. Truss (permutation groups, automorphisms of ordered structures)

Research Students

Katie Chicot (Prof. Truss, symmetry conditions on countable partial orders)

Susana Torrezao de Sousa (Prof. Truss, symmetry conditions on uncountable partial orders)

Silvia Barbina (Prof. Macpherson, homogeneous relational structures and their automorphism groups)

Lecture courses

Introduction to Discrete Maths (22 lectures, 2nd year u/g, Prof. Cooper)

Graph theory (22 lectures, 3rd year u/g, Prof. Cooper)

Combinatorics (22 lectures, 3rd year u/g, Prof. Macpherson)

Coding theory (22 lectures, 3rd year u/g, Prof. C.Read)

Working Paper series

<http://www.maths.leeds.ac.uk/Pure/preprints>

School of Computing

University of Leeds, Leeds LS6 2HN

Tel. 0113 343 5430 Fax 0113 343 5468

<http://www.scs.leeds.ac.uk>

Dyer, Prof. Martin (algorithms and complexity)

Muller, Haiko (algorithms, graph theory)

Shakhlevich, Natasha (scheduling theory)

Vuskovic, Kristina (graph theory)

Lecture courses

Introduction to Algorithms

Theory of computation

Computational graph theory and complexity

Modern issues in algorithmic design

Research Report Series

<http://www.scs.leeds.ac.uk/research/pubs/reports.shtml>

Current periodicals: P, X, Y

UNIVERSITY OF LEICESTER

School of Mathematics and Computer Science

University of Leicester, University Road, Leicester LE1 7RH.

Tel: 0116 2523887 Fax: 0116 2523604

<http://www.mcs.le.ac.uk>

Dr. T. Erlebach (2523411) (approximation algorithms, algorithmic graph theory)

<http://www.mcs.le.ac.uk/~terlebach>

Dr. M. Hoffmann (2523895) (combinatorial semigroup theory, algorithmic graph theory)

<http://www.cs.le.ac.uk/~mhoffmann>

Dr. R.J. Marsh (2525107) (Representation theory, cluster algebras, quantum groups, Lie theory) <http://www.mcs.le.ac.uk/~rmarsh>

Prof. R. Raman (2523894) (Algorithm engineering, data structures)

<http://www.cs.le.ac.uk/~rraman>

Dr J. Scott (2525392) (Combinatorial and representation theoretic aspects of cluster algebras)

Prof. R.M. Thomas* (2523885) (combinatorial group and semigroup theory, automata theory) <http://www.mcs.le.ac.uk/~rthomas>

Research students

A. Fonseca (Prof. Thomas, groups and formal languages)

M. Mihalak (Dr. Erlebach, Approximation algorithms for combinatorial optimisation problems)

G. Oliver (Prof. Thomas, FA-presentable structures)

M. Parsons (Dr. Marsh, cluster algebras and representation theory).

Lecture courses

Logic and Discrete Structures (40 lectures, 1st year u/g, Prof. Thomas)

Algorithms and Data Structures (30 lectures, 1st year u/g, Dr. Measor and Dr. Schmitt)

Pure Mathematics at Work (18 lectures, 1st year u/g, Dr. Snashall)

Automata, Languages and Computation (30 lectures, 2nd year u/g, Prof. Thomas and Dr. Erlebach)

Design and Analysis of Algorithms (30 lectures, 2nd year u/g, Dr. Schmitt)

Seminars The school holds regular seminars (given by internal and external speakers) in Mathematics and Computer Science, including several with a combinatorial theme. Details may be found on the web; see

http://www.math.le.ac.uk/RESEARCH/PURE/SEMINARS/main_seminar.html

http://www.math.le.ac.uk/RESEARCH/APPLIED/SEMINARS/main_seminar.html

Technical Reports

The school has a technical report series; copies of the reports may be obtained on request.

Details are available on the web at:

<http://www.mcs.le.ac.uk/research/publications>

School of Psychology

The University of Leicester, University Road, Leicester LE1 7RH, UK

Tel: 0116 2522170

<http://www.mcs.le.ac.uk/psychology/>

Dr. R.T. Gillett (2522171)

Current periodicals: E, F, M, N, P, Q, T, X, Y, b, h

LONDON SCHOOL OF ECONOMICS

Department of Mathematics

London School of Economics, Houghton Street, London WC2A 2AE.

Tel: 0207 955 7732 Fax: 0207 955 6877

<http://www.maths.lse.ac.uk>

Prof. Steve Alpern (ergodic theory, game theory, search theory)

Prof. Martin Anthony* (computational learning theory, neural networks, theory of computing)

Prof. Norman Biggs (algebraic graph theory, history of combinatorics, applications in physics and finance)

Prof. Graham Brightwell (partially ordered sets, random structures)

Dr. Jan van den Heuvel (graph theory, discrete mathematics, applications)

Dr. Malwina Luczak (probability and discrete mathematics)

Dr. Bernhard von Stengel (game theory and complexity)

Research students

Luis Cereceda

Raju Chinthlapti

Marianne Fairthorne

Nic Georgiou

Rahul Savani

CDAM Research Reports

<http://www.cdam.lse.ac.uk/Reports/>

Details and reports can be requested from Jackie Everid, (info@maths.lse.ac.uk, 0207 955 7732)

Department of Operational Research

London School of Economics, Houghton Street, London WC2A 2AE

Tel: 0207 955 7653 Fax: 0207 955 6855

<http://www.lse.ac.uk/collections/operationalResearch>

Dr. Gautam Appa (orthogonal latin squares, mixed integer programming, robust regression)

Dr. Susan Powell (mathematical programming and combinatorial optimization, operational research)

Prof. Paul Williams (linear and integer programming)

Lecture courses

Discrete Mathematics (20 lectures, 3rd year u/g, Dr. Simon)

Combinatorial Optimization (20 lectures, M.Sc., Dr. Appa)

Theory of Algorithms (20 lectures, 3rd year u/g, Dr. von Stengel)
Computational Learning Theory and Neural Networks (20 lectures, M.Sc., Prof. Anthony)
Algorithms and Computation (20 lectures, M.Sc., Dr. von Stengel)
Discrete Mathematics and Complexity (20 lectures, M.Sc., Dr. van den Heuvel)
Information, Communication and Cryptography (20 lectures, M.Sc., Prof. Biggs)

Seminar and Workshop

Seminar on Discrete and Applicable Mathematics, Thursdays 2:00, Dr. Luczak
CDAM Informal Workshop, Fridays 4:00, Dr. Simon

LONDON SOUTH BANK UNIVERSITY

Faculty of Business, Computing and Information Management

B.C.I.M., London South Bank University, 103 Borough Road, London SE1 0AA.

Tel: 0207 928 8989 Fax: 0207 815 7793

<http://www.lsbu.ac.uk/bcim>

Jennings, Dr. Sylvia* (coding theory, text compression)

Rutherford, Dr Carrie (matroid theory)

Whitty, Prof. Robin (Graph theoretical modelling of human memory)

Visiting Professor:

Singmaster, David (recreational mathematics)

Lecture courses

Discrete mathematics occurs in the first year of all the computing courses (S. Jennings, R. Whitty).

Option in Applied Cryptography occurs in the final year (S. Jennings)

Working Paper Series

http://www.bcim.lsbu.ac.uk/publications/tech_rep/index.html

Current periodicals: T

UNIVERSITY OF MANCHESTER / UMIST

School of Mathematics (University of Manchester)

University of Manchester, Oxford Road, Manchester M13 9PL.

Tel: 0161 275 5800 Fax: 0161 275 5819

<http://www.ma.umist.ac.uk/newmaths/>

Prof. N. Ray* (umbral calculus, chromatic polynomials, posets of partitions and permutations, permutation matrices, Hopf algebras and quantum structures, Toric varieties and polytopes)

<http://www.ma.man.ac.uk/~nige>

Dr. R. Sandling (block designs)

Dr. G. Walker (modular representation theory, symmetric functions, Schur functions, partitions, Young tableaux, pictures)

Current periodicals: E, F, P, R, S, U, X, Y

School of Mathematics (UMIST)

UMIST, P.O. Box 88, Manchester M60 1QD.

Tel: 0161 200 3641 Fax: 0161 200 3669

<http://www.ma.umist.ac.uk/newmaths/>

Prof. A.V. Borovik (matroids and generalisations, Coxeter matroids, Coxeter groups),
Prof. R.M. Bryant,
Prof. P.J. Laycock,
Prof. P.J. Rowley

Lecture course

Combinatorics (24 lectures, 3rd year u/g, J. Gilder)
Coding theory (24 lectures, 3rd year u/g, J. Gilder)
Discrete mathematics (24 lectures, 2nd year, u/g, Mr. Gilder)
Current periodicals: C, D, K, L, N, U

UNIVERSITY OF MIDDLESEX

Mathematics and Statistics Group

Middlesex University Business School, The Burroughs, London, NW4 4BT
Tel: 020 8411 6824

<http://mubs.mdx.ac.uk/Subjects/Mathematics>

Dr Thomas D Bending*, (Bent functions; finite geometrics; lotteries).
David F Jarrett, (Graph Theory applied to traffic modelling)
Prof. Chris Wright (Graph theory, routing on networks)

Lecture Course

Discrete Mathematics for Information Systems (1st yr u/g)
Current Periodicals: F, T, b

UNIVERSITY OF NEWCASTLE UPON TYNE

School of Mathematics and Statistics

Newcastle University, Newcastle upon Tyne NE1 7RU.
Tel: 0191 222 6000 Fax: 0191 222 8020

<http://www.ncl.ac.uk/mathematics/>

Dr. A.J. Duncan (combinatorial group theory, one-relator products of groups, decision problems and equations over presentations of groups)
Dr. O.H. King* (subgroup structure of classical groups, finite geometry)
Prof. S. Rees (algorithms in group theory and geometry, automatic groups and related classes of groups, connections between group theory and formal language theory)

Research associates

Dr. M. Batty

Lecture courses

Graph Theory (24 lectures, 2nd/3rd/4th year u/g, alternate years, Dr. Duncan)
Coding Theory (24 lectures, 2nd/3rd/4th year u/g, alternate years, Dr. Ford)
Geometries and Designs (24 lectures, 3rd/4th year u/g, alternate years)
Current periodicals: E, F, P, R, T, U, X, Y, c, d

UNIVERSITY OF NOTTINGHAM

School of Mathematical Sciences

University of Nottingham, University Park, Nottingham NG7 2RD.

Tel: 0115 951 4949 Fax: 0115 951 4951

<http://www.maths.nottingham.ac.uk>

Dr. D.R. Woodall* (951 4959) (graph colourings, chromatic polynomials, electoral systems) <http://www.maths.nottingham.ac.uk/personal/drw>

Research students

T.J. Hetherington (Dr. Woodall)

A.R. Philpotts (Dr. Woodall)

R.J. Waters (Dr. Woodall)

Lecture courses

Introductory Graph Theory (30 lectures, 3rd yr u/g, Dr. Diamantis)

Combinatorics (30 lectures, 3rd and 4th year u/g, Dr. Woodall)

Coding and cryptography (30 lectures, 3rd year u/g, Dr. Woodall)

Current periodicals: none

THE OPEN UNIVERSITY

Faculty of Mathematics and Computing

The Open University, Walton Hall, Milton Keynes MK7 6AA.

Tel: 01908 653479 Fax: 01908 653744

http://brains.open.ac.uk/cfdocs/faculty/Html/Departments/pure_math.cfm,

<http://mcs.open.ac.uk/appliedmaths/>

Dr. U. Grimm (659991) (enumerative combinatorics, words, tilings, applications to physics)

Dr. F.C. Holroyd (652327) (fractional and circular graph colourings; graceful and related tree labellings)

R. Nelson (retired) (Ramsey theory)

Dr. K.A.S. Quinn* (653909) (designs and their applications)

Dr. C.A. Rowley (0207 794 0575) (design of experiments, problems in document science)

Dr. B.S. Webb (653242, 01752 896138) (automorphisms of designs and permutation representation, infinite designs)

Dr. R.J. Wilson (652337) (edge-colourings of graphs, history of combinatorics, spectral graph theory)

Research fellows

Prof. M.J. Grannell (sec. 653479) (combinatorial design theory, combinatorial computing, Steiner systems)

Prof. T.S. Griggs (sec. 653479) (combinatorial design theory, combinatorial computing, Steiner systems)

(For staff web pages, please go to <http://mcs.open.ac.uk/puremaths/> and click on 'Members'.)

Research students

P. Borg (Dr. Holroyd, Dr. Quinn and Dr. Webb) (Erdős-Ko-Rado properties of graphs)

A.D. Forbes (part-time, Prof. Grannell and Prof. Griggs) (configurations and colourings of designs)

P. Garcia (Dr. Wilson) (history of combinatorics)

G. J. Lovegrove (part-time, Prof. Grannell, Prof. Griggs and Dr. Quinn) (automorphisms

of designs)

D. Parks (part-time, Dr. Wilson) (developments in graph theory during the 20th century)

I. Watts (part-time, Dr. Holroyd) (graph homomorphisms, generalisations of graph colourings)

Faculty of Technology

The Open University, Walton Hall, Milton Keynes MK7 6AA.

Tel. 01908 652944 Fax 01908 654052

<http://www-tec.open.ac.uk>

Dr. A.K. Dolan (networks)

Dr. J.H. Johnson (networks, complex systems, computer vision, transportation systems)

Dr. J. Rooney (robotics, kinematic geometry, Clifford algebras, differential geometry, screw theory, tensegrity structures)

Research Student

J.D. Hobbs (part-time, Dr. Rooney) (mechanical space systems, reconfigurable structures)

Courses

M336: Groups and Geometry (30 CAT points, third level)

MT365: Graphs, networks and design (30 CAT points, third level)

M836: Coding Theory (M.Sc. component course)

Current periodicals: A, H, J, N, P, S, V, X, Y, b

UNIVERSITY OF OXFORD

The Mathematical Institute

24-29 St. Giles, Oxford OX1 3LB.

Tel: 01865 273525 Fax: 01865 273583

<http://www.maths.ox.ac.uk>

Prof. D.J.A. Welsh (Merton) (applied probability, complexity)

Dr. R. Leese (St. Catherine's) (channel assignment problems)

Dr. Anna de Mier

Dr. Andrew J. Goodall (Merton)

Visitor

Prof. James Oxley (Merton, April to July 2005)

Research students

Rhiannon Hall (Profs McDiarmid and Welsh)

Dillon Mayhew (Prof Welsh)

Department of Statistics

1 South Parks Road, Oxford OX1 3TG.

Tel: 01865 272860 Fax: 01865 272595

<http://www.stats.ox.ac.uk>

Prof. C.J.H. McDiarmid* (Corpus Christi) (probability and algorithms, probabilistic methods in combinatorics, colouring problems)

Dr G. Reinert

Research students

Ross Kang (Prof McDiarmid)

Philipp Kostuch (Prof McDiarmid)

Kaisheng Lin (Prof Reinert)
Tobias Mueller (Prof McDiarmid)

Computing Laboratory

Wolfson Building, Parks Road, Oxford OX1 3QD

Tel: 01865 73838 Fax: 01856 73839

<http://web.comlab.ox.ac.uk/oucl/>

Dr Raphael Hauser

Lecture courses

Combinatorial optimisation (12 lectures, 2nd year u/g, Prof. McDiarmid)

Communication theory (16 lectures, 3rd year u/g, Dr. Stirzaker)

Enumerative Combinatorics (16 lectures, 4th u/g, Dr. de Mier)

Integer programming (16 lectures, 3rd year u/g, Dr. Hauser)

Randomised algorithms (16 lectures, 1st year p/g, Prof. Welsh)

Seminar

Combinatorial theory (Tuesdays at 3 p.m.)

Current periodicals: D, E, J, K, L, N, P, Q, T, Y

UNIVERSITY OF PORTSMOUTH

Department of Mathematics

Buckingham Building, Lion Terrace, Portsmouth, Hampshire PO1 3HE

Tel: 023 9284 6367 Fax: 023 9284 6364

<http://www.port.ac.uk/departments/academic/math>

Dr. A. Makroglou

Current periodicals: X, Y, b

QUEEN MARY, UNIVERSITY OF LONDON

School of Mathematical Sciences (Mathematics Research Centre)

Queen Mary, University of London, Mile End Road, London E1 4NS.

Tel: 0207 975 5440 Fax: 0208 980 9587

<http://www.maths.qmul.ac.uk/MRC>

Prof. D.K. Arrowsmith (graph colourings, percolation theory, interaction models and knot invariants)

Prof. R.A. Bailey (design of experiments, latin squares and their generalisations, designs for complicated block structures, association schemes, partition species)

Prof. P.J. Cameron* (groups and their operants, graphs, codes, designs, models, orbits and enumeration)

Professor Bill Jackson (graph theory)

Dr. J. R. Johnson (graph theory and combinatorics)

Dr. Thomas Müller (group theory, combinatorics, analysis)

Dr. T. Prellberg (statistical mechanics, dynamics, enumerative combinatorics)

Dr. L.H. Soicher (5463) (computational group theory, graph theory, finite geometry, design theory)

Dr. D. S. Stark (probability and combinatorics)

Prof. R. A. Wilson (computational group theory)

Researchers

Dr. J. N. Bray (Research assistant: group theory)
Prof. Dan Hughes (Emeritus Professor: finite geometry)
Prof. Donald Preece (Professorial fellow)
Dr. Sam Tarzi

Research students

Fatma Al-Kharoosi (Prof. Cameron: coding theory)
John Arhin (Dr. Soicher; existence and structure of SOMAs)
Robert Bailey (Professor Cameron; coding theory)
Cheng Yeaw Ku (Professor Cameron; extremal theory for permutations)
Josephine Kusuma (Prof. Cameron: coding theory)
Debbie Lockett (Prof. Cameron: homogeneous structures)
Rebecca Lodwick (Professor Bailey; crossover trials)
Jason Rudd (Prof. Cameron: graph and matroid polynomials)
Adam Watson (Prof. Jackson: graph theory, matroid theory, rigidity)
Taoyang Wu (Dr. Riis/Prof. Cameron: Network coding)

Lecture courses

Discrete mathematics (36 lectures, 1st year u/g, Dr. McKay)
Games and Linear Programming (36 lectures, 2nd year u/g, Dr. Johnson)
Algorithmic Mathematics (36 lectures, 2nd year u/g., Dr. Just)
Graph Theory and Applications (36 lectures, 2nd year u/g., Prof. Leedham-Green)
Combinatorics (36 lectures, 3rd year u/g, Prof. Jackson)
Coding Theory (36 lectures, 3rd year u/g., Dr. Fayers)
Cryptography (36 lectures, 3rd year u/g, Prof. Wilson)
Enumerative and Asymptotic Combinatorics (24 lectures, M.Sc., Prof. Cameron)
Sets, logic and categories (24 lectures, 4th year, M.Sc., Dr. Chiswell)

Seminars

Combinatorics study group (Prof. Cameron, Fridays 4:30pm)
Design of Experiments (Prof. Bailey, Thursday 4:30pm)
Pure Mathematics (Dr. Leedham-Green and Dr. McKay, Monday 4:30pm)

Current periodicals: B, E, F, H, P, R, T, U, X, Y, g

UNIVERSITY OF READING

Department of Mathematics

University of Reading, Whiteknights, P.O. Box 220 Reading, Berks RG6 6AX.

Tel: 0118 378 8996 Fax: 0118 931 3423

<http://www.extra.rdg.ac.uk/Maths/index.asp>

Dr. J.K. Dugdale (graph theory) Tel: 0118 378 5012

Prof. A.J.W. Hilton* (graph theory, design theory, finite set systems) Tel: 0118 378 8989

Dr. W.R. Johnstone (graph theory) Tel: 0118 378 5013

Dr. D.S.G. Stirling (graph theory)

Honorary fellow

Dr. D.C. Daykin

Research Students

Claire Spencer (extremal finite set theory)
Matthew Henderson (edge-colouring problems for complete graphs)
David Cariolaro (edge-colouring problems)

Lecture courses

Combinatorics (20 lectures, 1st year u/g, Dr Dugdale)
Combinatorics (40 lectures, 3rd year u/g, Dr. Dugdale, Prof. Hilton)
Graph theory (40 lectures, 3rd year u/g, Dr. Dugdale, Prof. Hilton)
Combinatorics (20 lectures, 3rd year u/g, Prof. Hilton)
Research seminar
Combinatorics seminar (Mondays at 3 p.m.)
Current periodicals: C, N, P, S, X, Y, b

ROTHAMSTED EXPERIMENTAL STATION

Biomathematics Unit

IACR - Rothamsted, Harpenden, Herts AL5 5RJ

Tel: 01582 763133 Fax: 01582 4671166

<http://www.rothamsted.bbsrc.ac.uk>

Prof. R.W. Payne*, (Statistical computing, design and analysis of experiments, identification keys and diagnostic tables, statistical modeling)

Welham, Sue (REML estimation of various components, neighbour effects, design of laboratory experiments, statistical modeling)

Current periodicals: E, F

ROYAL HOLLOWAY

Department of Mathematics

Royal Holloway, Egham Hill, Egham, Surrey TW20 0EX.

Tel: 01784 443093 Fax: 01784 430766

<http://www.ma.rhul.ac.uk>

Dr. S. Blackburn (enumeration of groups, applications of algebraic methods to data communications, coding theory, cryptography)

Dr. R.M. Damerell (algebraic combinatorics, computing applications)

Prof. J.W. Essam (applications of graph theory, combinatorics, numerical analysis and computing techniques to problems in critical phenomena theory, in particular to phase transitions, conduction in disordered materials, polymer science, epidemic models and cellular automata)

Dr. K.M. Martin (cryptography and information security)

Prof. C. Mitchell (cryptography and information security)

Dr. S.P. Murphy (spatial probability, cryptography)

Dr. C.W. Norman (algebraic topics)

Prof. K. Paterson

Prof. F.C. Piper (algebraic combinatorics: finite geometry, theory of designs, coding theory, cryptography)

Dr. M.J. Robshaw (cryptography and information security)

Prof. P.R. Wild* (algebraic combinatorics: designs and difference sets, statistical applications, applications of discrete mathematics to data communications, coding theory, cryptography)

Visiting Professors

Prof. H.J. Beker, Prof. Y. Desmedt, Prof. M. Walker (Vodafone Ltd),

Research students

M. Al-Meather, C. Blackwell, H. Hopkins, I. Michalopoulos, L. O'Toole.

Lecture courses

Discrete mathematics (33 lectures, 2nd year u/g, Dr. Cohn)
Cipher systems (33 lectures, 3rd year u/g, Prof. Wild)
Combinatorics (33 lectures, 3rd year u/g, Dr. Yates)
Error correcting codes (33 lectures, 3rd year u/g, Dr. Cohn)
Game theory (33 lectures, 3rd year u/g, Dr. Burmester)
Combinatorial optimisation (33 lectures, 3rd year u/g, Dr. Yates)
Theory of graphs (33 lectures, 3rd year u/g, Dr. Damerell)
Theory of error correcting codes (33 lectures, p/g, Dr. Burmester)
Cipher systems (33 lectures, p/g, Prof. Wild)
Combinatorics (33 lectures, p/g, Dr. Damerell)
Graph theory (33 lectures, p/g, Dr. Damerell)
Design theory (33 lectures, p/g, Prof. Wild)
Discrete Optimisation (33 lectures, p/g, Dr. Yates)

The Department of Mathematics runs taught M.Sc. programmes in Information Security, Discrete Mathematics with Computing Applications and Dependable Computer Systems jointly with the Department of Computer Science.

Seminars

Discrete mathematics and its applications (organizer: Dr. Blackburn) (Tuesdays at 4.00 p.m. in room 219)

Department of Computer Science

Royal Holloway, Egham Hill, Egham, Surrey TW20 0EX.

Tel: 01784 443421 Fax: 01784 443420 <http://www.cs.rhul.ac.uk>

Prof. Z.G. Gutin

Dr. A. Yeo

Current periodicals: E, F, H, J, M, N, P, S, T, X, b, h

UNIVERSITY OF ST. ANDREWS

School of Mathematics and Statistics

The Mathematical Institute, North Haugh, St. Andrews, Fife KY16 9SS.

Tel: 01334 463745 Fax: 01334 463748

<http://www.mcs.st-and.ac.uk>

Dr. P. Campbell (combinatorial group and semigroup theory)

Dr. C.M. Campbell (combinatorial group theory, combinatorics of semigroup presentations)

R.L. Constable (combinatorics)

Prof. K.J. Falconer (combinatorial geometry)

Dr. S. Huczynska (Applications of finite fields)

Prof. A.W. Kemp (combinatorial applications in statistics)

Dr. C.D. Kemp (combinatorial applications in statistics)

Dr. J.H. McCabe (graph theory, number theory)

Dr. J.J. O'Connor (combinatorial group theory)

Dr. L. Olsen (analysis and combinatorics)

Prof. E.F. Robertson (combinatorial group theory, combinatorics of semigroup presentations)

Dr. N. Ruskuc (combinatorial semigroup theory)

Dr. B.O. Stratmann (combinatorial group theory, Kleinian groups)

Lecture courses

Discrete mathematics (56 lectures, 2nd year u/g)

Finite mathematics (24 lectures, 3rd/4th year u/g, alternate years)

Graphs (24 lectures, 3rd/4th year u/g, alternate years)

Various courses involving algorithms and complexity at 3rd/4th year u/g.

School of Computer Science

North Haugh, St Andrews, Fife KY16 9SS.

Tel: 01334 463253 Fax: 01334 463278

<http://www.dcs.st-and.ac.uk>

Dr. Murray Elder (enumerative combinatorics)

Dr. S.A. Linton (computational algebra: systems, algorithms and applications)

Dr. C.M. Roney-Dougal* (finite permutation and matrix groups, constraint programming, computational group theory)

Current periodicals: B, E, F, M, N, P, Q, R, U, X, Y, a, c, d, e, f

UNIVERSITY OF SALFORD

Mathematics Section, School of Computing, Science and Engineering

University of Salford, Salford M5 4WT.

Tel: 0161 295 4635

<http://www.cse.salford.ac.uk>

Prof. R. Hill* (coding theory, finite geometry)

Current periodicals: J, P, T, h

UNIVERSITY OF SOUTHAMPTON

School of Mathematics

University of Southampton, Southampton SO17 1BJ.

Tel: 023 8059 3612 Fax: 023 8059 5147

<http://www.maths.soton.ac.uk>

Prof. G.A. Jones (x3654) (permutation groups, connections between groups and graphs)

Prof. R.C. King (x3700) (representations theory of Lie algebra and superalgebras, applications in Physics)

Dr. E.K. Lloyd* (x5135) (combinatorics and graph theory including applications and history)

Prof. C.N. Potts (x3651) (combinatorial optimization and scheduling)

Prof. D. Singerman (x3671) (discontinuous groups with applications to Riemann surfaces and the theory of maps)

Research student

Anton Prowse (Prof. Jones)

Lecture courses

Combinatorics and Graph theory (13 lectures, 1st year u/g, Dr. Ann Hirst)

Theory of numbers (36 lectures, 3rd/4th year u/g, Dr. Mary Jones)

Scheduling (10 lectures, M.Sc. in Operational Research, Prof. Potts)

Algorithms (36 lectures, 2nd year, u/g, Prof. Jones)
Information and coding Theory (36 lectures, 3rd year u/g, Prof. Jones)
Algorithms, machines and languages (36 lectures, 3rd/4th year u/g, Prof. Jones)
Finite Mathematics (36 lectures, 3rd/4th year u/g, Dr. Jim Renshaw)
Graph Theory (36 lectures, 3rd/4th year u/g, Dr. Jim Renshaw)

School of Electronics and Computer Science

University of Southampton SO17 1BJ

<http://www.ecs.soton.ac.uk>

Prof. J. Shawe-Taylor

Department of Management

023 8059 3966

<http://www.management.soton.ac.uk>

Dr. Julia A. Bennell (x5671)

Current periodicals: A, C, E, F, M, N, P, R, T, X, Y

STAFFORDSHIRE UNIVERSITY

Division of Mathematics and Statistics

School of Computing, Staffordshire University, Leek Road, Stoke-on-Trent, ST4 2AZ.

Tel/Fax: 01782 294026

<http://www.soc.staffs.ac.uk>

Burrows, Prof. Brian cmtblb@soc.staffs.ac.uk

Easton, Dr. Sarah* cmtsje@soc.staffs.ac.uk

Pratt, Mr. Fred cmtjfo@soc.staffs.ac.uk

UNIVERSITY OF STIRLING

Mathematics and Statistics Group, Department of Computing Science & Mathematics

The University of Stirling, Dept. of Computing Science and Mathematics, Stirling,
Scotland FK9 4LA.

Tel: 01786 467460 Fax: 01786 464551

<http://www.cs.stir.ac.uk/math/>

Dr. F.K. Bell (467462) (algebraic graph theory)

Dr. P.S. Jackson (467468) (algebraic graph theory)

Prof. P. Rowlinson* (467464) (algebraic graph theory)

Lecture courses

Discrete structures (44 lectures, 1st year u/g)

Combinatorics (32 lectures, 3rd/4th year u/g, alternate years)

Algebra and codes (32 lectures, 3rd/4th year u/g, alternate years)

Current periodicals: C, F, H, V, X, Y, b, d

UNIVERSITY OF SURREY

Department of Mathematics and Statistics

University of Surrey, Guildford, Surrey GU2 7XH.

Tel: 01483 300800 Fax: 01483 686071

<http://www.maths.surrey.ac.uk>

Honorary Visiting Senior Research Fellow

Dr. A.D. Keedwell* (Latin squares and quasigroups, finite projective planes, coding theory)

Lecture courses

Groups and symmetry (30 lectures, 2nd year u/g, Dr Hydon)

Algorithms and data structures (24 lectures, 2nd year u/g, Mr Bish)

Statistical methods (30 lectures, 2nd year u/g, Dr Godolphin)

Current periodicals: C, E, F, T, i

UNIVERSITY OF SUSSEX

Department of Mathematics

Mantell Building, University of Sussex, Falmer, Brighton, East Sussex BN1 9RF.

Tel: 01273 877345 Fax: 01273 678097

<http://www.sussex.ac.uk/math>

Prof. J.W.P. Hirschfeld* (finite geometry, algebraic geometry, coding theory)

<http://www.maths.susx.ac.uk/Staff/JWPH/>

Research students

M. Aghaei (Prof. Hirschfeld, coding theory)

Lecture courses

Algebra and its Applications I (30 lectures, 3rd/4th year u/g, Dr. Fenn)

Algebra and its Applications II (36 lectures, 3rd/4th year u/g, Prof. Hirschfeld)

Research reports

<http://www.sussex.ac.uk/math/1-4-1.html>.

Current periodicals: E, F, T, X, c

UNIVERSITY OF WALES SWANSEA

Department of Mathematics

University of Wales Swansea, Singleton Park, Swansea SA2 8PP

Tel: 01792 295457 Fax: 01792 295843

<http://www-maths.swan.ac.uk>

Dr. F.W. Clarke, Dr. R.J. Cook*, Dr. A.D. Thomas

Lecture courses

Combinatorics (20 lectures, 3rd year u/g, Dr. Cook)

Applied algebra (40 lectures, 3rd year u/g, Dr. Clarke)

UNIVERSITY COLLEGE LONDON

Department of Mathematics

University College London, Gower Street, London WC1E 6BT.

Tel: 020 7679 2839 Fax: 020 7383 5519

<http://www.ucl.ac.uk/Mathematics>

Prof. K.M. Ball,

Prof. I. Bárány,

Prof. M. Csornyei

Dr. J.A. Haight,

Prof. M. Laczkovich

Prof. D.G. Larman,

Prof. P. McMullen,

Prof. D. Preiss,

Prof. C.A. Rogers (retired),

Dr. A.D. Scott*,

Dr. J. Talbot

Postdoctoral fellow

Dr. Laura Wisewell

Research students

Tom Rackham, Atsushi Tateno, Natalia Garcia-Colin, Maria Prodromou

Lecture courses

Optimisation (2nd year u/g)

Graph Theory and Combinatorics (3rd year u/g)

Geometry of numbers (3rd year u/g, Prof. Larman)

Computational Geometry (3rd year u/g, Prof. McMullen)

Game theory (3rd year u/g, Prof. Binmore)

Seminar

Colloquium (Wednesdays at 2.30 p.m.)

Informal Seminar (Wednesdays at 4.30pm)

Department of Economics

University College London, Gower Street, London WC1E 6BT

Tel: 020 7679 5888 Fax: 020 7916 2775

<http://www.econ.ucl.ac.uk>

Prof. K. Binmore

VODAFONE GROUP RESEARCH AND DEVELOPMENT - UK

Vodafone House, 1 The Connection, Newbury RG14 2FN.

Tel: 01635 33251 Fax: 01635 31127

<http://www.vodafone-rnd.com/whoweare/uk.htm>

Dr. S. Babbage*, Dr. N. Bone, D. Godsave, Dr. N. Jefferies, S. Manning, Dr. S. Thiel,

Prof. M. Walker, R. Wright (Vodafone Ltd)

(Cryptography, randomness, statistics, applications of graph theory and combinatorics)

Current periodicals: G, T, Z

UNIVERSITY OF WARWICK

Department of Computer Science

University of Warwick, Coventry, CV4 7AL.

Tel: 024 7652 3193 Fax: 024 7657 3024

<http://www.dcs.warwick.ac.uk/>

<http://www.dcs.warwick.ac.uk/research/acrg/>

Dr. L.A. Goldberg*,

Dr. Paul Goldberg,

Dr. R. Martin,

Prof. M. Paterson,

Research Students

Markus Jalsenius, Peter Krusche, Nick Palmer, Kasper Pederson, Pattarawait Polpinit

Lecture courses

Mathematics for computer scientists (1st year u/g)

Discrete Maths 1 (1st year u/g)

Discrete Maths 2 (1st year, u/g)

Data Structures and Algorithms (2nd year, u/g)

Complexity of Algorithms (3rd year, u/g)

Warwick Business School

Phone: 024-76528220 Fax: 024-76524539

<http://www.wbs.ac.uk>

Dr. Vladimir Deineko (Combinatorial Optimisation, Polynomially Solvable Cases of NP-hard Problems) 024-76524501

Lecture courses

Mathematical Programming (1st, 2nd, 3rd year u/g and masters students)

Operational Research (4rd year, u/g)

Optimisation (masters students)

UNIVERSITY OF THE WEST OF ENGLAND, BRISTOL

Faculty of Computing, Engineering and Mathematical Sciences

University of the West of England, Coldharbour Lane, Bristol BS16 1QY.

Tel: 0117 344 2783 Fax: 0117 344 2734

<http://www.uwe.ac.uk/cems/>

Dr. Vadim Zverovich* (graph theory, combinatorial optimisation)

Lecture courses

Operational Research (2nd year u/g)

Mathematical Programming (3rd year u/g)

Decision Analysis (p/g)

Current periodicals: D, N, S, b