

MATHEMATICAL SCIENCES

DIVISION OF MATHEMATICAL AND PHYSICAL SCIENCES

Lecture List for Trinity Term 2009

There may be late changes and amendments to this Lecture List. For an up-to-date version, please check the Mathematical Institute Website: <http://www.maths.ox.ac.uk/notices/lecture-lists>

This version updated 19 February 2009

Events shown on this list are one hour long unless stated otherwise.

<i>Subject</i>	<i>Lecturer</i>	<i>Time*</i>	<i>Place</i>
GRADUATE SEMINARS			
Algebra	Prof M J Collins, Prof Rouquier and Prof D Segal	T.5	Mathematical Institute, L2
Algebraic and Symplectic Geometry	Prof Joyce	T.3.45	Mathematical Institute, L3
Analytic Topology in Mathematics and Computer Science	Prof Abramsky, Dr P J Collins, Dr Knight, Prof Priestley, Prof Roscoe and Dr Suabedissen	W.4-5.30	Mathematical Institute, L3
Applied Dynamical Systems and Inverse Problems	Dr Moroz	Th.11-12.30	Mathematical Institute, DHSR3
Combinatorial Theory	Prof McDiarmid and Prof Scott	T. 2.30 – 3.45 [L3], T. 4.30 [SR1]	Mathematical Institute, L3, SGSR1.
Computational Mathematics & Applications	Prof Trefethen and Dr Dollar (RAL)	Th.2	Computing Laboratory
Computing Laboratory Seminar	Prof Gottlob	T.4.30	Computing Laboratory
Differential Equations and Applications	Prof Howison, Prof J Ockendon and Prof Chapman	Th.4.30	Mathematical Institute, DHSR1
Functional Analysis	Prof Batty	T.5	Mathematical Institute, L3
Geometry and Analysis	Prof Hitchin	M.2.15	Mathematical Institute, L3
Geophysical and Nonlinear Fluid Dynamics	Prof Read and Dr Moroz	T.4.30	Atmospheric Physics, Dobson Room
Junior Applied Mathematics	Mr Wood	F. 4.30 (<i>weeks 2,4,6,8</i>)	Mathematical Institute, DHSR3
Junior Number Theory	Prof Heath-Brown	M.4	Mathematical Institute, SGSR1
Junior Geometry and Topology Seminar	Mr Rayan	Th.12-1.30	Mathematical Institute, SGSR1

Junior Logic	Mr Anscombe	M. 3	Mathematical Institute, SGSR1
Logic	Prof Zilber, Dr Koenigsmann and Dr Kirby	Th.5	Mathematical Institute, L3
Mathematical Behavioural Finance	Prof Zhou	W.3	Oxford-Man Institute of Quantitative Finance, Blue Boar Court.
Mathematical Biology	Prof Maini, Dr Baker and Dr Gaffney	F.2-3.15	Mathematical Institute, L3
Nomura Seminar Series (Mathematical Finance)	Prof Zhou	F.2.15-3.30	Mathematical Institute, DHSR1
Mathematical Genetics and Bioinformatics	Dr Spencer	T.4.30	Oxford Centre for Gene Function, Seminar Room
Mathematical Geoscience	Dr Fowler & Dr Norbury	F.2.30 (<i>wks 2,4,6,8</i>)	Mathematical Institute, DHSR3
String theory discussion seminar	Dr de la Ossa	W.12	Mathematical Institute, F20
Number Theory	Prof Heath-Brown	Th.4	Mathematical Institute, L3
Oxford Advanced Seminar on Informatic Structures (OASIS)	Dr Sadrzadeh	F.2	Computing Laboratory
Partial Differential Equations	Dr Capdeboscq	M.5	Gibson Seminar Room
Quantum Field Theory	Dr Hannabuss and Dr Tsou	T.12	Mathematical Institute, L3
Relativity	Prof Chrusciel	T.12	Mathematical Institute, L3
Representation Theory	Dr Erdmann and Dr Henke	Th.2.30	Mathematical Institute, L3
Statistics, Applied Probability and Operational Research	Dr Steinsaltz	Th.2.15 (<i>weeks 1,3,4,5,6</i>)	Statistics Department
Statistics Graduate Seminar	Prof Reinert and Prof Sir David Cox	Th.3.45 (<i>weeks 1,3,4,5,6</i>)	Statistics Department
Statistics General Seminar	Dr Steinsaltz	Th.2.15 (<i>weeks 2,8</i>)	Statistics Department
Statistics Graduate Student Presentations	Dr Clifford	Th. 2.15 (<i>week 7</i>)	Statistics Department
Stochastic Analysis	Prof Lyons	M.2.15-3.45, 3.45-5.00	Oxford-Man Institute of Quantitative Finance, Blue Boar Court.
Stochastic Analysis Working Seminar	Prof Lyons	T. 11-1	Oxford-Man Institute of Quantitative Finance, Blue Boar Court.
String Theory	Prof Candelas and Dr de la Ossa	M.12	Mathematical Institute, L3
Topology	Prof Tillmann and Prof Lackenby	M.3.45	Mathematical Institute, L3

WORKSHOPS			
Industrial and Interdisciplinary Workshops	Dr Breward, Dr Gower	F.9-2 (<i>exact times vary</i>)	Mathematical Institute, DHSR1
ADVANCED CLASSES			
Algebra	Dr Craven	T.11-12.30	Mathematical Institute, SGSR1
Logic	Prof Zilber	Th.11	Mathematical Institute, SGSR1
Representation Theory	Prof Rouquier	T.2	Mathematical Institute, L2
Representation Theory	Dr Erdmann	W. 5	Mathematical Institute, SGSR1
Topology	Prof Tillmann	M.10-12	Mathematical Institute, L3
GRADUATE LECTURES			
Generalized Geometry	Prof Hitchin	W.Th.10 (wks 2-7)	Mathematical Institute, SGSR1
TAUGHT COURSE CENTRE			
<p>The Taught Course Centre is a collaboration between the Mathematics Departments at the Universities of Bath, Bristol, Imperial, Oxford and Warwick. It aims to offer approximately 25 graduate level courses over the academic year. Access grid technology will be used so that audiences in all five universities can participate in the lectures. Graduate students should register in advance in order to attend the lectures. For more information about the Taught Course Centre, and for their lecture timetable, please see the website at http://tcc.maths.ox.ac.uk/</p>			
M.Sc. AND DIPLOMA IN APPLIED STATISTICS			
No lectures.			
M.Sc. MATHEMATICAL AND COMPUTATIONAL FINANCE			
Stochastic Control and Dynamic Asset Allocation	Prof Zhou, Dr Jin	M.W.10 (wks 1-6)	Mathematical Institute, DHSR1
Optimisation in Finance	Dr Hauser	T.Th.11 (wks 2-7)	Mathematical Institute, DHSR1
Time Series Analysis	Dr McSharry	T.W.2-4 (wks 6, 7, 8)	Mathematical Institute, DHSR1
Numerically Intensive Computing for Finance	Prof Giles	June 23-26 all day	Computing Laboratory
Financial Computing with C++	Dr Kramkov	M.T.Th.F. 9-12 (wks 10, 11)	Mathematical Institute, DHSR1
M.Sc IN MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING			
SPECIAL TOPICS			
C++ for Scientific Computing	Dr Pitt-Francis	M.-F.10, 11.30-1, 2, 3-5 (wk 1)	Computing Laboratory

Numerical Multiphysics Modelling in Biology and Physiology	Dr Whiteley	Th.F.10 (wks 2-7)	Computing Laboratory
Stochastic Modelling and Simulation of Biological Processes	Prof Burrage, Dr MacNamara	T.Th.11 (wks 1,2,6), T.W.Th.11 (wks 3,5)	Computing Laboratory
Mathematics for Simulation	Prof Farmer	T.9-11 (wks 2-7)	Mathematical Institute, SGSR1
M.Sc IN COMPUTER SCIENCE			
Computers in Society	Dr Baltag	W.Th.3	Computing Laboratory
M.Sc IN MATHEMATICS AND THE FOUNDATIONS OF COMPUTER SCIENCE			
Section A: Mathematical Foundations			
<i>Schedule I</i>			
No lectures			
<i>Schedule II</i>			
No lectures			
Section B: Applicable Theories			
<i>Schedule I</i>			
No lectures			
<i>Schedule II</i>			
Random Graphs	Prof Riordan	T.Th.10 (wks 2-8)	Mathematical Institute, L3
MATHEMATICS			
Moderations			
A: An Introduction to Groups, Rings and Fields	Prof Priestley	T.11, W.12 (wks 1-4)	University Museum
B: Analysis III: Integration	Prof Haydon	M.T.12 (wks 1-4)	University Museum
B: Geometry II	Dr Giansiracusa	Th.F.12 (wks 1-4)	University Museum
D: Calculus in Three Dimensions and Applications	Dr Earl	M.W.Th.F. 11 (wks 1-4)	University Museum
Mods preparation lecture	Dr Curnock, Dr Papazoglou	Th.10 (wk 5)	University Museum
Part A			
Number Theory	Dr Johnston	M.Th.11 (wks 1-4)	Mathematical Institute, L1
Multivariable Calculus	Prof Niethammer	M.W.10 (wks 1-4)	Mathematical Institute, L1

Part B			
No lectures			
Part C			
No lectures			
COMPUTER SCIENCE			
Moderations			
Digital Hardware	Dr Nickau	M.W. 10-12 (wks 1-4)	Computing Laboratory
Imperative Programming II	Prof Jeavons	Th.F.11-1 (wks 1-4)	Computing Laboratory
MATHEMATICS AND COMPUTER SCIENCE			
Moderations			
A: An Introduction to Groups, Rings and Fields	Prof Priestley	T.11, W.12 (wks 1-4)	University Museum
B: Analysis III: Integration	Prof Haydon	M.T.12 (wks 1-4)	University Museum
Imperative Programming II	Prof Jeavons	Th.F.11-1 (wks 1-4)	Computing Laboratory
Mods preparation lecture	Dr Curnock, Dr Papazoglou	Th.10 (wk 5)	University Museum
COMPUTER SCIENCE			
Part A			
Computer Architecture	Dr Jones	M.T.W.Th.11 (wks 1-4)	Computing Laboratory
Models of Computation	Prof Melham	M.T.W.Th.12 (wks 1-4)	Computing Laboratory
MATHEMATICS & COMPUTER SCIENCE			
Part A			
Models of Computation	Prof Melham	M.T.W.Th.12 (wks 1-4)	Computing Laboratory
[In addition, the lectures above for Mathematics Part A are applicable.]			
COMPUTER SCIENCE, MATHEMATICS & COMPUTER SCIENCE			
Part B			
Computer Architecture	Dr Jones	M.T.W.Th.11 (wks 1-4)	Computing Laboratory
MATHEMATICS AND PHILOSOPHY			
Moderations			
Mathematics:			
A: An Introduction to Groups, Rings and Fields	Prof Priestley	T.11, W.12 (wks 1-4)	University Museum

B: Analysis III: Integration	Prof Haydon	M.T.12 (wks 1-4)	University Museum
B: Geometry II	Dr Giansiracusa	Th.F.12 (wks 1-4)	University Museum
Mods preparation lecture	Dr Curnock, Dr Papazoglou	Th.10 (wk 5)	University Museum
Philosophy:			
Frege: Foundations of Arithmetic	Dr Paseau	W.9-11 (wks 1-4)	10 Merton Street, Ryle Room
Part A Mathematics:			
Number Theory	Dr Johnston	M.Th.11 (wks 1-4)	Mathematical Institute, L1
Multivariable Calculus	Prof Niethammer	M.W.10 (wks 1-4)	Mathematical Institute, L1
Part B Mathematics			
No lectures			
Part B Philosophy:			
[For further Philosophy lectures, please consult the Philosophy lecture list]			
Part C Mathematics: Logic			
No lectures. [See Philosophy list for Philosophy subjects which may be offered.]			
MATHEMATICS AND STATISTICS			
Moderations			
The Lectures above for MATHEMATICS Moderations all apply.			
Part A			
Linear Programming	Dr Laws	T.F.12 (wks 1-4)	Statistics Department
Simulation	Dr Nicholls	W.12, Th.10 (wks 1-4)	Statistics Department
In addition, the lectures above for Mathematics Part A apply.			
Part B			
No lectures			
Part C			
No lectures			

FOOTNOTE REFERENCES

- * Lectures begin on the first day possible after the beginning of Full Term (Sunday, 26 April), unless otherwise stated in this column. Events take place every Week of Full Term (Weeks 1-8) unless otherwise stated.