MATHEMATICAL TRIPOS II

Lectures will be held in the Meeting Rooms (MR) of the *Centre for Mathematical Sciences, Clarkson Road,* unless otherwise stated.
A meeting will be held on Wednesday 13 June 2012 for finalists who may continue to Part III of the Tripos in 2012-13. The meeting will be held in *MR2 at the Centre for Mathematical Sciences* at 11.15 a.m.

C COURSES

MICHAELMAS 2011	LENT 2012	EASTER 2012
Number Theory DR V. R. NEALE M. W. F. 11, *MR2*	**Further Complex Methods** PROF. A. FOKAS M. W. F. 9, *MR4*	
Cosmology PROF. A. C. DAVIS M. W. F. 12, *MR3*	**Statistical Modelling** DR B. SEN M. W. F. 10, *MR4*	
Computational Projects DR S. J. COWLEY M. 10 Oct. 2-3.30, *MR2* (One lecture)	**Coding and Cryptography** DR S. MARTIN M. W. F. 11, *MR4*	
Dynamical Systems PROF. M. R. E. PROCTOR Tu. Th. S. 9, *MR9*	**Mathematical Biology** PROF. P. H. HAYNES Tu. Th. S. 9, *MR4*	
Topics in Analysis DR N. WICKRAMASEKERA Tu. Th. S. 10, *MR3*	**Geometry and Groups** DR T. K. CARNE Tu. Th. S. 11, *MR4*	
Classical Dynamics DR B. GROISMAN Tu. Th. S. 12, *MR3*		

D COURSES

MICHAELMAS 2011	LENT 2012	EASTER 2012
Fluid Dynamics PROF. E. J. HINCH M. W. F. 9, *MR3*	**Logic and Set Theory** PROF. P. T. JOHNSTONE M. W. F. 9, *MR3*	
Probability and Measure DR R. NICKL M. W. F. 9, *MR5*	**Waves** PROF. J. R. LISTER M. W. F. 10, *MR3*	
Algebraic Topology PROF. P. T. JOHNSTONE M. W. F. 10, *MR3*	**General Relativity** DR R. M. WILLIAMS M. W. F. 11, *MR2*	

Principles of Statistics
PROF. A. P. DAWID
M. W. F. 10, *MR4*

Numerical Analysis
DR C. B. SCHOENLIEB
M. W. F. 10, *MR9*

Partial Differential Equations
PROF. P. A. MARKOWICH
M. W. F. 11, *MR4*

Linear Analysis
PROF. B. J. GREEN
M. W. F. 12, *MR4*

Galois Theory
DR T. YOSHIDA
Tu. Th. S. 9, *MR4*

Electrodynamics
PROF. M. J. PERRY
Tu. Th. 10, *MR4*

Stochastic Financial Models
DR V. KARGIN
Tu. Th. S. 10, *MR5*

Principles of Quantum Mechanics
PROF. B. ALLANACH
Tu. Th. S. 11, *MR2*

Differential Geometry
DR A. G. KOVALEV
Tu. Th. S. 11, *MR3*

Graph Theory
DR P. A. RUSSELL
Tu. Th. S. 12, *MR2*

Applications of Quantum Mechanics
PROF. R. R. HORGAN
M. W. F. 12, *MR3*

Representation Theory
DR S. J. WADSLEY
M. W. F. 12, *MR4*

Applied Probability
DR N. BERESTYCKI
M. W. F. 12, *MR5*

Optimisation and Control
PROF. R. R. WEBER
Tu. Th. 9, *MR3*

Riemann Surfaces
DR C. BIRKAR
Tu. Th. 9, *MR5*

Statistical Physics
PROF. D. TONG
Tu. Th. S. 10, *MR3*

Number Fields
DR T. A. FISHER
Tu. Th. 10, *MR4*

Asymptotic Methods
PROF. N. S. MANTON
Tu. Th. 11, *MR3*

Algebraic Geometry
PROF. I. GROJNOWSKI
Tu. Th. S. 12, *MR3*

Integrable Systems
DR M. DUNAJSKI
Tu. Th. 12, *MR4*

The following courses are non-examinable
Laboratory Demonstrations in Fluid Dynamics
DR S. B. DALZIEL
Tu. or Th. 2, *Fluids Laboratory* (Four sessions, beginning 20 or 25 October)

Topics in the History of Mathematics: Ancients to the Middle Ages
DR P. BURSILL-HALL
W. F. 4, *MR3*

The following course is non-examinable
Topics in the History of Mathematics: Renaissance to Enlightenment
DR P. BURSILL-HALL
W. F. 4, *MR3*

The following course is non-examinable
Topics in the History of 19th Century Mathematics
DR P. BURSILL-HALL ET AL.
W. F. 4, *MR3*