

MATHEMATICAL TRIPOS II

Last update 18 Jan. 12

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.

MICHAELMAS 2011

Number Theory

DR V. R. NEALE
M. W. F. 11, *MR2*

Cosmology

PROF. A. C. DAVIS
M. W. F. 12, *MR3*

Computational Projects

DR S. J. COWLEY
M. 10 Oct. 2-3.30, *MR2* (One lecture)

Dynamical Systems

PROF. M. R. E. PROCTOR
Tu. Th. S. 9, *MR9*

Topics in Analysis

DR N. WICKRAMASEKERA
Tu. Th. S. 10, *MR3*

Classical Dynamics

DR B. GROISMAN
Tu. Th. S. 12, *MR3*

MICHAELMAS 2011

Fluid Dynamics

PROF. E. J. HINCH
M. W. F. 9, *MR3*

Probability and Measure

DR R. NICKL
M. W. F. 9, *MR5*

Algebraic Topology

PROF. P. T. JOHNSTONE
M. W. F. 10, *MR3*

C COURSES

LENT 2012

Further Complex Methods

PROF. A. FOKAS
M. W. F. 9, *MR4*

Statistical Modelling

DR B. SEN
M. W. F. 10, *MR4*

Coding and Cryptography

DR S. MARTIN
M. W. F. 11, *MR4*

Mathematical Biology

PROF. P. H. HAYNES
Tu. Th. S. 9, *MR4*

Geometry and Groups

DR T. K. CARNE
Tu. Th. S. 11, *MR4*

D COURSES

LENT 2012

Logic and Set Theory

PROF. P. T. JOHNSTONE
M. W. F. 9, *MR3*

Waves

PROF. J. R. LISTER
M. W. F. 10, *MR3*

General Relativity

DR R. M. WILLIAMS
M. W. F. 11, *MR2*

EASTER 2012

EASTER 2012

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*

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*

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 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*