

MATHEMATICAL TRIPOS, PART II

Lectures will be held in the Meeting Rooms (MR) of the *Centre for Mathematical Sciences, Clarkson Road*, unless otherwise stated.

Part II students are recommended to attend the induction session which will be held on Wednesday 8 October 2014, 2 p.m. to 3 p.m. in the *Cockcroft Lecture Theatre*.

A meeting will be held on Wednesday 10 June 2015 for finalists who may continue to Part III of the Tripos in 2015-16. The meeting will be held in *MR2* at the Centre for Mathematical Sciences at 11.15 a.m.

C COURSES**MICHAELMAS 2014****Number Theory**

DR T. A. FISHER
M. W. F. 10, *MR2*

Classical Dynamics

DR B. GROISMAN
Tu. Th. S. 9, *MR9*

Topics in Analysis

PROF. T. W. KÖRNER
Tu. Th. S. 11, *MR5*

LENT 2015**Cosmology**

PROF. J. D. BARROW
M. W. F. 9, *MR4*

Further Complex Methods

PROF. M. J. PERRY
M. W. F. 11, *MR3*

Statistical Modelling

DR R. D. SHAH
M. W. F. 12, *MR3* (sixteen lectures) and *CATAM Room* (eight practicals)

Coding and Cryptography

DR T. K. CARNE
Tu. Th. S. 10, *MR2*

Mathematical Biology

DR J. R. GOG
Tu. Th. S. 11, *MR2*

EASTER 2015**D COURSES****MICHAELMAS 2014****Linear Analysis**

DR A. ZSAK
M. W. F. 9, *MR3*

LENT 2015**Logic and Set Theory**

PROF. I. B. LEADER
M. W. F. 9, *MR2*

EASTER 2015

Dynamical Systems

PROF. P. H. HAYNES

M. W. F. 9, *MR4***Fluid Dynamics**

DR E. LAUGA

M. W. F. 10, *MR5***Principles of Quantum Mechanics**

PROF. R. R. HORGAN

M. W. F. 11, *MR2***Probability and Measure**

DR A. SOLA

M. W. F. 11, *MR3***Graph Theory**

DR P. A. RUSSELL

M. W. F. 12, *MR2***Principles of Statistics**

DR R. NICKL

M. W. F. 12, *MR3***Numerical Analysis**

DR J. LELLMANN

M. W. F. 12, *MR5***Algebraic Topology**

DR O. RANDAL-WILLIAMS

Tu. Th. S. 9, *MR3***Galois Theory**

DR C. BIRKAR

Tu. Th. S. 10, *MR3***Integrable Systems**

DR A. ASHTON

Tu. Th. 10, *MR9***Electrodynamics**

DR A. D. CHALLINOR

Tu. Th. 11, *MR4***Optimisation and Control**

PROF. R. R. WEBER

Tu. Th. 12, *MR4***Waves**

PROF. J. R. LISTER

M. W. F. 10, *MR3***Differential Geometry**

PROF. P. M. H. WILSON

M. W. F. 10, *MR4***Stochastic Financial Models**

PROF. L. C. G. ROGERS

M. W. F. 10, *MR5***Algebraic Geometry**

PROF. M. GROSS

M. W. F. 11, *MR4***Applied Probability**

DR P. SOUSI

M. W. F. 11, *MR5***General Relativity**

DR S. T. C. SIKLOS

M. W. F. 12, *MR2***Riemann Surfaces**

PROF. G. P. PATERNAIN

M. W. 12, *MR4***Representation Theory**

DR S. MARTIN

Tu. Th. S. 9, *MR2***Asymptotic Methods**

PROF. T. FOKAS

Tu. Th. 9, *MR3***Applications of Quantum Mechanics**

PROF. N. DOREY

Tu. Th. S. 10, *MR3***Statistical Physics**

DR U. SPERHAKE

Tu. Th. S. 12, *MR2***Number Fields**

PROF. I. GROJNOWSKI

Tu. Th. 12, *MR3*

Partial Differential Equations

DR D. M. A. STUART

Tu. Th. S. 12, *MR5*

The following courses are non-examinable

Laboratory Demonstrations in Fluid Dynamics

DR S. B. DALZIEL

Four sessions, beginning 20 or 21 October, 2, *Fluids Laboratory*

History of Mathematical Ideas: Ancient Mathematics

DR P. BURSILL-HALL

W. F. 4, *Centre for Mathematical Sciences, MR3*

History of Science for Mathmos: The origins and early development of Islam and Islamic science

DR P. BURSILL-HALL

Th. 4, *Centre for Mathematical Sciences, MR3*

The following courses are non-examinable

History of Mathematical Ideas: the Middle Ages to the Enlightenment

DR P. BURSILL-HALL

W. F. 4, *Centre for Mathematical Sciences, MR3*

History of Science for Mathmos: early Islamic science and science in the western Middle Ages

DR P. BURSILL-HALL

Th. 4, *Centre for Mathematical Sciences, MR3*