

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 7 October 2015, 2 p.m. to 3 p.m. in the *Cockcroft Lecture Theatre*.

A meeting will be held on Wednesday 8 June 2016 for finalists who may continue to Part III of the Tripos in 2016-17. The meeting will be held in *MR2* at the Centre for Mathematical Sciences at 11.15 a.m.

C COURSES

MICHAELMAS 2015

Classical Dynamics

DR M. DUNAJSKI
M. W. F. 10, *MR9*

Cosmology

PROF. J. D. BARROW
M. W. F. 11, *MR5*

Automata and Formal Languages

DR M. CHIODO
M. W. F. 12, *MR4*

Topics in Analysis

PROF. T. W. KÖRNER
Tu. Th. S. 10, *MR5*

Number Theory

DR T. A. FISHER
Tu. Th. S. 11, *MR2*

LENT 2016

Statistical Modelling

DR S. BACALLADO
M. W. F. 9, *MR9* (Sixteen lectures) and *CATAM Room*
(Eight practicals)

Coding and Cryptography

DR R. D. CAMINA
M. W. F. 10, *MR2*

Further Complex Methods

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

Mathematical Biology

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

EASTER 2016

D COURSES

MICHAELMAS 2015

Principles of Quantum Mechanics

PROF. A. C. DAVIS
M. W. F. 9, *MR2*

LENT 2016

Logic and Set Theory

PROF. P. T. JOHNSTONE
M. W. F. 9, *MR2*

EASTER 2016

Algebraic Topology

DR H. WILTON

M. W. F. 9, *MR3***Probability and Measure**

DR J. MILLER

M. W. F. 10, *MR3***Graph Theory**

PROF. I. B. LEADER

M. W. F. 11, *MR2***Principles of Statistics**

DR R. NICKL

M. W. F. 11, *MR4***Fluid Dynamics**

DR E. LAUGA

M. W. F. 12, *MR5***Linear Analysis**

DR J. W. LUK

Tu. Th. S. 9, *MR3***Numerical Analysis**

DR C. B. SCHÖNLIEB

Tu. Th. S. 9, *MR5***Dynamical Systems**

PROF. J. R. LISTER

Tu. Th. S. 10, *MR3***Electrodynamics**

DR A. D. CHALLINOR

Tu. Th. 11, *MR4***Galois Theory**

PROF. C. BIRKAR

Tu. Th. S. 12, *MR3***Integrable Systems**

DR A. ASHTON

Tu. Th. 12, *MR9***Waves**

DR S. J. COWLEY

M. W. F. 9, *MR4***Differential Geometry**

PROF. P. M. H. WILSON

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***Stochastic Financial Models**

DR M. TEHRANCHI

M. W. F. 12, *MR9***Representation Theory**

DR S. MARTIN

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

DR D. M. A. STUART

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

PROF. N. DOREY

Tu. Th. S. 10, *MR3***Optimisation and Control**

PROF. R. R. WEBER

Tu. Th. 10, *MR5***Algebraic Geometry**

PROF. M. GROSS

Tu. Th. S. 11, *MR4***Statistical Physics**

DR U. SPERHAKE

Tu. Th. S. 12, *MR2*

Number Fields
PROF. I. GROJNOWSKI
Tu. Th. 12, *MR3*

The following courses are non-examinable

Laboratory Demonstrations in Fluid Dynamics
DR S. B. DALZIEL
Four sessions, beginning 19 or 20 October, 2, *Fluids*
Laboratory

History of Mathematical Ideas: Ancient Mathematics
DR P. BURSILL-HALL
W. F. 4, *MR3*

History of Science for Mathmos: Early Sciences
DR P. BURSILL-HALL
Th. 4, *MR3*

The following courses are non-examinable

History of Mathematical Ideas: the Middle Ages to the Enlightenment
DR P. BURSILL-HALL
W. F. 4, *MR3*

History of Science for Mathmos: Early Sciences
DR P. BURSILL-HALL
Th. 4, *MR3*

The following course is non-examinable

History of 19th Century Mathematics
DR P. BURSILL-HALL AND STUDENTS
W. F. 4, *MR3*