Last update 01 Oct. 15

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*