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 5 October 2016, 2 p.m. to 3 p.m. in the *Cockcroft Lecture Theatre.*

A meeting will be held on Wednesday 14 June 2017 for finalists who may continue to Part III of the Tripos in 2017-18. The meeting will be held in *MR2* at the Centre for Mathematical Sciences at 11.15 a.m.

C COURSES

MICHAELMAS 2016	LENT 2017	EASTER 2017

Cosmology
PROF. E. P. S. SHELLARD
M. W. F. 10, *MR9*

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

Classical Dynamics
DR M. DUNAJSKI
M. W. F. 11, *MR9*

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

Number Theory
DR T. A. FISHER
M. W. F. 12, *MR2*

Further Complex Methods
PROF. M. J. PERRY
M. W. F. 11, *MR3*

Automata and Formal Languages
DR M. CHIODO
Tu. Th. S. 12, *MR3*

Topics in Analysis
PROF. T. W. KÖRNER
Tu. Th. S. 10, *MR4*

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

D COURSES

MICHAELMAS 2016	LENT 2017	EASTER 2017

Principles of Quantum Mechanics
PROF. A. C. DAVIS, DR. C. M. MARSH
M. W. F. 9, *MR2*

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

Probability and Measure
DR J. MILLER
M. W. F. 9, *MR3*

Algebraic Topology
DR H. WILTON
M. W. F. 10, *MR3*

Logic and Set Theory
DR T. E. FORSTER
M. W. F. 11, *MR2*

Principles of Statistics
DR Q. BERTHET
M. W. F. 11, *MR4*

Numerical Analysis
DR A. SHADRIN
M. W. F. 12, *MR5*

Linear Analysis
DR R. BAUERSCHMIDT
Tu. Th. S. 9, *MR3*

Fluid Dynamics
PROF. M. G. WORSTER
Tu. Th. S. 9, *MR5*

Dynamical Systems
PROF. J. R. LISTER
Tu. Th. S. 10, *MR3*

Differential Geometry
PROF. M. DAFERMOS
Tu. Th. S. 10, *MR5*

Galois Theory
DR C. J. B. BROOKES
Tu. Th. S. 11, *MR3*

Optimisation and Control
PROF. F. P. KELLY
Tu. Th. 11, *MR5*

Waves
DR S. J. COWLEY
M. W. F. 9, *MR4*

Applications of Quantum Mechanics
PROF. D. TONG
M. W. F. 10, *MR3*

Analysis of Functions
PROF. C. MOUHOT
M. F. 11, *MR4*

Statistical Physics
PROF. H. S. REALL
M. W. F. 12, *MR2*

Algebraic Geometry
PROF. M. GROSS
M. W. F. 12, *MR4*
NO class M 23 Jan and W 25 Jan (makeups W Feb 8
4pm MR4 and Friday 17 Mar 12pm MR4)

Applied Probability
DR P. SOUSI
M. W. F. 12, *MR5*

Representation Theory
DR S. MARTIN
Tu. Th. S. 9, *MR2*

Asymptotic Methods
DR D. M. A. STUART
Tu. Th. 9, *MR3*

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

Riemann Surfaces
DR H. KRIEGER
Tu. Th. 11, *MR4*

General Relativity
DR U. SPERHAKE
Tu. Th. S. 12, *MR2*

Integrable Systems
DR A. ASHTON
Tu. Th. 11, *MR9*

Electrodynamics
DR A. D. CHALLINOR
Tu. Th. 12, *MR4*

The following courses are non-examinable

Laboratory Demonstrations in Fluid Dynamics
PROF. S. B. DALZIEL
Four sessions, beginning 17 or 18 October, 2, *Fluids Laboratory*

History of Mathematics
DR P. BURSILL-HALL
W. F. 4, *MR3*

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

Number Fields
PROF. I. GROJNOWSKI
Tu. Th. 12, *MR3*
(*This course will commence 26/1 and have two Saturday sessions 28/1 and 4/2*)

The following courses are non-examinable

History of Mathematics
DR P. BURSILL-HALL
W. F. 4, *MR3*

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