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

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

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

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

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

LENT 2017

Statistical Modelling
DR S. BACALLADO, DR. T. WANG
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

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

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

EASTER 2017

D COURSES

MICHAELMAS 2016

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 (makeup 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

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)

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