

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 9 October 2019, 2 p.m. to 3 p.m. in the *Babbage Lecture Theatre*.

A meeting will be held on Wednesday 10 June 2020 for finalists who may continue to Part III of the Tripos in 2020-21. The meeting will be held in *MR2* at the Centre for Mathematical Sciences at 11.15 a.m.

For a personalised version of the timetable, which you can import into your own electronic calendar, please see <http://www.timetable.cam.ac.uk>.

C COURSES**MICHAELMAS 2019****Cosmology**

PROF. D. TONG
M. W. F. 9, *MR4*

Number Theory

DR J. WOLF
M. W. F. 10, *MR2*

Automata and Formal Languages

DR J. O. BUTTON
M. W. F. 11, *MR5*

Classical Dynamics

PROF. G. I. OGILVIE
M. W. F. 12, *MR9*

Statistical Modelling

DR A. J. COCA
Tu. Th. S. 11, *MR4* (Sixteen lectures) and *CATAM Room* (Eight practicals)

LENT 2020**Coding and Cryptography**

DR S. MARTIN
M. W. F. 9, *MR2*

Further Complex Methods

DR B. GROISMAN
M. W. F. 10, *MR3*

Quantum Information & Computation

DR N. DATTA
M. W. F. 11, *MR3*

Mathematical Biology

DR R. ADHIKARI
Tu. Th. S. 11, *MR2*

Topics in Analysis

DR A. G. KOVALEV
Tu. Th. S. 12, *MR4*

EASTER 2020

D COURSES

MICHAELMAS 2019

Algebraic Topology

PROF. M. GROSS
M. W. F. 9, *MR3*

Stochastic Financial Models

PROF. J. R. NORRIS
M. W. F. 9, *MR9*

Fluid Dynamics

PROF. R. R. KERSWELL
M. W. F. 10, *MR4*

Principles of Quantum Mechanics

DR D. B. SKINNER
M. W. F. 11, *MR2*

Principles of Statistics

PROF. R. NICKL
M. W. F. 11, *MR4*

Probability and Measure

PROF. E. BREUILLARD
M. W. F. 12, *MR3*

Graph Theory

PROF. A. G. THOMASON
Tu. Th. S. 9, *MR2*

Integrable Systems

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

Linear Analysis

DR S. BECKER-KAHN
Tu. Th. S. 10, *MR3*

Numerical Analysis

DR A. SHADRIN
Tu. Th. S. 10, *MR4*

LENT 2020

Applications of Quantum Mechanics

DR E. PAJER
M. W. F. 9, *MR3*

Logic and Set Theory

DR P. A. RUSSELL
M. W. F. 10, *MR2*

Differential Geometry

PROF. M. DAFERMOS
M. W. F. 11, *MR4*

General Relativity

DR U. SPERHAKE
M. W. F. 12, *MR2*

Algebraic Geometry

DR D. RANGANATHAN
M. W. F. 12, *MR4*

No lecture on Friday 24 January

Applied Probability

PROF. G. R. GRIMMETT
M. W. F. 12, *MR9*

Asymptotic Methods

PROF. E. S. TITI
Tu. Th. 9, *MR3*

Analysis of Functions

DR C. WARNICK
Tu. Th. 9, *MR4*

Number Fields

PROF. A. J. SCHOLL
Tu. Th. 10, *MR3*

Waves

PROF. J. R. LISTER
Tu. Th. S. 10, *MR4*

EASTER 2020

Representation Theory

DR S. J. WADSLEY
 Tu. Th. S. 11, *MR2*

Dynamical Systems

PROF. J. R. GOG
 Tu. Th. S. 11, *MR3*

Galois Theory

PROF. I. GROJNOWSKI
 Tu. Th. S. 12, *MR3*

Electrodynamics

PROF. N. DOREY
 Tu. Th. 12, *MR4*

Riemann Surfaces

DR H. WILTON
 Tu. Th. 11, *MR4*

Mathematics of Machine Learning

DR R. D. SHAH
 Tu. Th. 12, *MR2*

Statistical Physics

PROF. N. S. MANTON
 Tu. Th. S. 12, *MR3*

The following courses, proposed by the Board of the Faculty of Mathematics, are non-examinable.

Laboratory Demonstrations in Fluid Dynamics

DR J. A. NEUFELD
 M. Tu. W. 2-3:30 every second week, starting 21
 October, *Fluids Laboratory*

The lectures listed below are not organised by the Mathematics Faculty (which has no responsibility for them) but they are intended to be of interest to students of Mathematics.

MICHAELMAS 2019**History of Mathematics**

DR P. BURSILL-HALL
 W. F. 4, *MR4*

History of Science for Mathmos

DR P. BURSILL-HALL
 Th. 4, *MR4*

Ethics in Mathematics

DR M. CHIODO
 Tu. 4, *MR4*

LENT 2020**History of Mathematics**

DR P. BURSILL-HALL
 W. F. 4, *MR4*

History of Science for Mathmos

DR P. BURSILL-HALL
 Th. 4, *MR4*

Philosophy of Mathematics

DR T. FORSTER
 Tu. 4, *Centre for Mathematical Sciences, MR4*

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