

MATHEMATICAL TRIPOS, PART III

Lectures will be held in the Meeting Rooms (MR) of the Centre for Mathematical Sciences, Clarkson Road, unless otherwise stated.

All Part III and PhD students in the Faculty are able to self-enrol on Part III Moodle courses; they will be sent instructions on how to do so. All other members of the University wishing to access these courses are requested to complete the [relevant form in the Part III Guide to Courses](#).

Please note that recordings can take some time to process following the end of the lecture (up to several hours). This is due to the way Panopto stores and manages recordings, and it cannot be expedited.

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

Michaelmas 2026

Cosmology

Prof. E. Pajer
M. W. F. 9, *MR3*

Algebraic Topology

Prof. O. Randal-Williams
M. W. F. 9, *MR5*

Model Theory ‡

Dr M. Tong
M. W. 9, *MR11*

Mon. 30 Nov rescheduled to Fri. 6 Nov 9am, *MR11*

Wed. 2 Dec rescheduled to Fri. 20 Nov 9am, *MR11*

Percolation and Related Topics

Dr. S. Sarkar
M. W. 9, *MR12*

Lent 2027

Stochastic Calculus

Prof. J. Miller
M. W. F. 9, *MR3*

Group Cohomology ‡

Dr M. Kudlinska
M. W. 9, *MR5*

String Theory

Prof. N. Dorey
M. W. F. 9, *MR9*

Spectra, Algorithms, and Data in Infinite Dimensions

Dr M. Colbrook
M. W. 9, *MR11*

Easter 2027

Gauge/Gravity Duality

Prof. J. Santos
M. Tu. Th. F. 10, *MR3*

Gravitational Waves and Numerical Relativity

Prof. U Sperhake
M. Tu. Th. F. 11, *MR3*

Analysis of Partial Differential Equations

Dr. Z. Wyatt

M. W. F. 9, *MR13*.

First Lecture Mon 12 Oct.

Algebraic Geometry

Dr. S. Canning

M. W. F. 10, *MR4*

Additive Combinatorics

Prof. J. Wolf

M. W. F. 10, *MR5*

Galaxy Formation and Dynamics

Prof. W. Evans

M. W. F. 10, *MR11*

Slow Viscous flow §

Prof. J. Lister

M. W. F. 10, *MR12*

Mathematical Methods in Data Science

Prof. A Shadrin, Dr. G. Stepaniants

M. W. F. 10, *MR13*

Robust Statistics

Prof. P-L. Loh

M. W. 10, *MR14*

Quantum Field Theory

Prof. A. Castro

M. W. F. 11, *MR2*

Analytic Number Theory ‡

Prof. H. Krieger

M. W. F. 11, *MR5*

Complex Manifolds

Dr M. Jeffs

M. W. F. 9, *MR12*

Fluid Dynamics of Climate

Prof. P. Haynes, Dr A. Ming

M. W. F. 9, *MR13*

Advanced Quantum Field Theory

Prof. C. Thomas

M. W. F. 10, *MR2*

Diophantine Analysis

Prof. P. Varjú

M. W. F. 10, *MR9*

Schramm--Loewner Evolutions

Dr E. Kammerer

M. F. 10, *MR11*

Fluid Dynamics of Solid Earth

Dr Q. Kriaa, Prof. J. Neufeld

M. W. F. 10, *MR13*

Intersection theory ‡

Dr J. Jackson

M. W. F. 10, *MR14*

Elliptic Curves

Dr A. Morgan

M. W. F. 11, *MR3*

Field Theory in Cosmology

Prof. E. P. S. Shellard, Prof. B. Sherwin

M. W. F. 11, *MR4*

Information Theory

Dr. L. Gavalakis
M. W. F. 11, *MR9*

Planetary System Dynamics

Prof. M. Wyatt
M. W. F. 11, *MR11*

Biological Physics

Prof. R. Goldstein
M. W. F. 11, *MR12*

Causal Inference and Statistical Designs

Dr Q. Zhao
M. W. F. 11, *MR14*

Symmetries, Fields and Particles ‡

Prof. B. Allanach
M. W. F. 12, *MR2*

Modern Statistical Methods

Prof. R. Shah
M. W. F. 12, *MR5*

Commutative Algebra

Dr N. Williams
M. W. F. 12, *MR9*

Structure and Evolution of Stars

Dr. A. Zytlow
M. W. F. 12, *MR11*

Applied Analysis

Dr G. Stepaniants, Prof. D. Stuart
M. W. F. 12, *MR13*

Elliptic Partial Differential Equations ‡

Dr G. Orriols
M. W. F. 11, *MR9*

Logic and Computability ‡

Dr J. Siqueira
M. W. F. 11, *MR11*

Noisy Mechanics

Dr R. Adhikari, Prof. M. Cates
M. W. F. 11, *MR12*

Homotopy Theory

Dr R. Stoll
M. W. F. 11, *MR14*

The Standard Model ‡

Prof. M Ubiali
M. W. F. 12, *MR2*

Statistical Learning in Practice

Dr S. Bacallado
M. W. F. 12, *MR5*

Non-Newtonian Fluid Mechanics

Dr D. Hewitt, Dr M. Jalaal
M. W. F. 12, *MR11*

Extrasolar Planets: Atmospheres and Interiors ‡

Prof. N. Madhusudhan
M. W. F. 12, *MR12*

Riemannian Geometry

Dr A. Kovalev
M. W. F. 12, *MR13*

Advanced Probability

Prof. J. Norris
Tu. Th. S. 9, *MR3*

Quantum Information Theory ‡

Dr A. Capel
Tu. Th. 9, *MR5*

Combinatorics §

Prof. I. Leader
Tu. Th. 9, *MR9*

Perturbation Methods

Dr L. Ayton
Tu. Th. 9, *MR12*

Statistical Field Theory

Prof. H. Reall
Tu. Th. 10, *MR2*

Lie Algebras and Their Representations

Prof. I Grojnowski
Tu. Th. S. 10, *MR4*

The Continuum Hypothesis §

Prof. B. Löwe
Tu. Th. 10, *MR11*

Tue. 3 Nov rescheduled to Sat 31 Oct 10am, *MR11*.

Biological Flows

Prof. E. Lauga
Tu. Th. 10, *MR12*

Ramsey Theory ‡

Dr M-R. Ivan
Tu. Th. 11, *MR3*

Black Holes

Prof. C. Warnick
Tu. Th. S. 9, *MR2*

Probabilistic Combinatorics

Prof. J. Sahasrabudhe
Tu. Th. 9, *MR4*

Hydrodynamic Stability ‡

Prof. R. Kerswell
Tu. Th. 9, *MR13*

Topological Quantum Matter

Prof. B. Béri
Tu. Th. 10, *MR5*

Topics in Statistical Theory

Prof. R. Nickl
Tu. Th. 10, *MR9*

Statistics in Medicine

(Modules D, E, F: Analysis of Survival Data) +

Dr P. Treasure
Tu. Th. 10, *MR11 (twelve lectures)*

Astrophysical Black Holes

Dr D. Sijacki
Tu. Th. 10, *MR13*

Concentration Inequalities

Pro. V. Jog
Tu. Th. 11, *MR4*

Solitons, Instantons and Geometry ‡

Prof. M. Dunajski
Tu. Th. 11, *MR5*

**Statistics in Medicine
(Modules A, B, C: Statistics in Medical Practice) +**

Dr C. Jackson and colleagues
Tu. Th. 11, *MR11 (twelve lectures)*

No lecture on Tue. 10 Nov, additional guest lecture
on Thu. 26 Nov at 11 in *MR11*.

Differential Geometry

Dr Y. Li
Tu. Th. S. 11, *MR9*

Astrophysical Fluid Dynamics

Prof. G. Ogilvie
Tu. Th. S. 11, *MR12*.

Tue. 10 Nov rescheduled to Tue. 27 Oct 2pm, *MR9*.
Thu. 12 Nov rescheduled to Thu. 3 Dec 11am, *MR12*.

Quantum Information, Foundations and Gravity

Prof. A. Kent
Tu. Th. 11, *MR13*

General Relativity

Prof. D. Skinner
Tu. Th. S. 12, *MR2*

Functional Analysis §

Dr A. Zsák
Tu. Th. S. 12, *MR4*

Local Fields

Prof. T. Fisher
Tu. Th. 12, *MR5*

The Ising Model

Dr F. Klausen
Tu. Th. 12, *MR12*

Random Walks and Phase Transitions

Prof. P-F. Rodriguez
Tu. Th. S. 11, *MR9*

Algebraic Geometry II: Curves and Surfaces

Prof. D. Ranganathan
Tu. Th. S. 11, *MR12*

Quantum Entanglement in Many-Body Physics

Prof. F. Verstraete
Tu. Th. 11, *MR14*

Astrostatistics

Prof. K. Mandel
Tu. Th. S. 12, *MR13*

Dynamics of Astrophysical Discs

Prof. R. Rafikov
Tu. Th. 11, *MR13*

Laboratory Demonstrations in Fluid Dynamics

Dr M. Jalaal, Dr Q. Kriaa

W. 2-3:30, *Fluids Laboratory (eight practicals)*

+ These two courses constitute the 24-lecture course in Statistics in Medicine. For examination purposes, Statistics in Medicine is considered a Michaelmas term course.

Lecture Recordings

Further information on what courses are being recorded this year will be updated in due course ahead of the start of lectures.

‡ Recordings for this course will only be made available as a reasonable adjustment for students with a recommendation for access to recordings. Students with such a recommendation in their Student Support Document (SSD) who have not automatically been granted access to the recordings should contact the Undergraduate Office at undergrad-office@maths.cam.ac.uk. Students who require access to recordings as a reasonable adjustment, but who do not yet have a SSD, should consult their College Tutor (see also paragraph 3 of the [Faculty's Statement on the Recording of Teaching Sessions](#)).

§ There will be no recordings available for this course; the lecturer will make alternative accommodations for students with recommendations for reasonable adjustments that include access to recordings. Students with such a recommendation in their Student Support Document (SSD) who have not automatically been notified of the alternative accommodations should contact the Undergraduate Office. Students who require access to recordings as a reasonable adjustment, but who do not yet have a SSD, should consult their College Tutor (see also paragraph 3 of the [Faculty's Statement on the Recording of Teaching Sessions](#)).