

FACULTY OF MATHEMATICS

COURSES INTENDED FOR GRADUATES (non-examinable)

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

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 2018

Categorified Knot Invariants

PROF. J. RASMUSSEN
M. W. F. 9, *MR11*

Computational Methods in Fluid Dynamics

PROF. E. J. HINCH
M. W. F. 11, *MR11*

Conformal Field Theory, Kac–Moody And Virasoro Algebras

DR A. WASSERMANN
M. 4, *MR11*

Loop Spaces

PROF. N. WAHL
Tu. Th. 9, *MR12*

Discrete Subgroups of Lie Groups

PROF. E. BREUILLARD
Tu. Th. 9, *MR13*

Symmetry and Duality in Physics

DR J. N. BUTTERFIELD
Tu. Th. 4:30-6, *MR5* (starting Tuesday 6 November)
On Tuesday 13 November, the lecture will be in *MR13*

LENT 2019

Fractal Geometry

DR A. RAPAPORT
M. W. F. 9, *MR11*

Hamiltonian General Relativity

DR J. B. PITTS
W. 10-11:30, *MR11*

An Introductory Course on Non-Smooth Optimisation

DR J. LIANG
M. W. 11, *MR9*

Topics on Moduli Spaces in Algebraic Geometry

PROF. C. BIRKAR
M. W. F. 11, *MR12*

The Topology of Graphs

DR H. WILTON
M. W. 12, *MR11*

Topics in Floer Theory

DR C. Y. MAK
Tu. Th. 11, *MR11*

High Energy Radiative Processes in Astrophysical Plasma

DR G. DEL ZANNA
Tu. Th. 12, *MR5*

Connections between Model Theory and Combinatorics

DR J. WOLF
Tu. Th. 12, *MR11*

EASTER 2019

Gauge/Gravity Duality

DR A. WALL
M. Tu. Th. F. 10, *MR3*

Topics in Analysis of Many-Particle Systems

PROF. C. MOUHOT
M. W. F. 11, *MR4* (starting Monday 29 April)

Nonlinear Wave Equations in General Relativity

DR D. GAJIC, DR J. KEIR
M. Tu. W. Th. F. 12, *MR3* (starting Friday 3 May)
On Monday 20 May, the lecture will be in *MR4*

Systems Biology

DR A. HILFINGER
Lectures: M. W. Th. 2-4, *MR15*
 Tu. F. 10-12, *MR15*
Tutorials: Tu. F. 2-4, *MR15*
 Th. 10-12, *MR15*
Only in week commencing Monday 19 April.

Spinor Techniques in General Relativity

DR P. O'DONNELL

Tu. Th. S. 12, *MR12*

Mathematics of Image Reconstruction

DR C-E. YARMAN

Tu. Th. 12, *MR13*