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 2021

Automorphic Forms on Reductive Groups
DR J. SU
M. W. F. 12, *MR11*

Topics in Symplectic Topology
DR A. KEATING
Tu, Th. 10, *MR12 (12)*

High Dimensional Probability
DR A. ESKENAZIS
Tu, Th. 11, *MR11 (16)*

Non-Equilibrium Statistical Field Theory
DR J. PAUSCH
Tu. 11, *MR12   (8)*

Philosophical Aspects of Quantum Fields
DR J. N. BUTTERFIELD, DR B. ROBERTS
Tu. 2-3:30, *MR5 (8 (12))*

LENT 2022

Spectral Gap and Diophantine Problems
DR A. KAMBER
M. W. F. 9, *MR14*

Mathematical Analysis of the Incompressible Navier Stokes Equations
PROF. E. S. TITI
M. W. F. 10, *MR11*

Introduction to Geometric Representation Theory
PROF. I. GROJNOWSKI
M. W. F. 11, *MR11*

Applications of Analysis in Physics
DR C. WARNICK
Tu. Th. 9, *MR11 (16)*

Topics in Mathematical Biology
DR J. SWINTON
Tu. Th. S. 10, *MR11 (8) starting on Tu. 25 January*

Introduction to Nonlinear Spectral Analysis
DR Y. KOROLEV
Tu. Th. 11, *MR12 (16)*

Four-Manifolds
PROF. I. SMITH
Tu. Th. 11, *MR13* (16)

Topics in Algebraic Groups
PROF. A. SCHOLL
Tu. Th. S. 12, *MR11*

EASTER 2022

Physics Beyond the Standard Model
DR M. UBIALI
Tu. Th. 11, *MR3*

~~**Dynamics and Metric Diophantine Approximation**~~ **(cancelled)**
~~PROF. E. BREUILLARD~~
~~M. W. F. 11, *MR4*~~

Nonparametric Inference under Shape Contraints
DR O. Y. FENG
Tu. Th. 12, *MR12 (8)*

Philosophical Aspects of Quantum Field Theory on Curved Spacetimes
DR J. N. BUTTERFIELD, DR B. ROBERTS
Tu. 2-3:30, *MR5   (8(12))*