MATHEMATICAL TRIPOS II

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

A meeting will be held on Wednesday 11 June 2014 for finalists who may continue to Part III of the Tripos in 2013-14. The meeting will be held in *MR2 at the Centre for Mathematical Sciences* at 11.15 a.m.

C COURSES

MICHAELMAS 2013	LENT 2014	EASTER 2014
Dynamical Systems PROF. P. H. HAYNES M. W. F. 9, *MR4*	**Cosmology** PROF. J. D. BARROW M. W. F. 9, *MR4*	
Number Theory DR V. R. NEALE M. W. F. 10, *MR2*	**Topics in Analysis** DR A. G. KOVALEV M. W. F. 10, *MR5*	
Coding and Cryptography DR T. K. CARNE Tu. Th. S. 9, *MR9*	**Further Complex Methods** DR M. DUNAJSKI M. W. F. 11, *MR3*	
Classical Dynamics DR B. GROISMAN Tu. Th. S. 12, *MR3*	**Geometry and Groups** PROF. I. SMITH M. W. F. 12, *MR4*	
Computational Projects DR S. J. COWLEY W. 16 October 2-3.30, *MR2* (One lecture)	**Mathematical Biology** DR J. R. GOG Tu. Th. S. 11, *MR2*	
	Statistical Modelling MR R. D. SHAH Tu. Th. S. 12, *MR4* (sixteen lectures) and *CATAM Room* (Eight practicals)	

D COURSES

MICHAELMAS 2013	LENT 2014	EASTER 2014
Galois Theory PROF. A. J. SCHOLL M. W. F. 9, *MR3*	**Representation Theory** DR S. MARTIN M. W. F. 9, *MR2*	
Principles of Statistics DR R. NICKL M. W. F. 9, *MR5*	**Applications of Quantum Mechanics** PROF. N. DOREY M. W. F. 10, *MR4*	

Fluid Dynamics
PROF. E. J. HINCH
M. W. F. 10, *MR5*

Stochastic Financial Models
PROF. L. C. G. ROGERS
M. W. F. 10, *MR14*

Principles of Quantum Mechanics
PROF. R. R. HORGAN
M. W. F. 11, *MR2*

Probability and Measure
PROF. J. R. NORRIS
M. W. F. 11, *MR3*

Graph Theory
PROF. A. G. THOMASON
M. W. F. 12, *MR2*

Numerical Analysis
DR C. B. SCHOENLIEB
M. W. F. 12, *MR5*

Partial Differential Equations
DR D. M. A. STUART
Tu. Th. S. 9, *MR4*

Linear Analysis
DR A. ZSAK
Tu. Th. S. 10, *MR3*

Integrable Systems
DR A. ASHTON
Tu. Th. 10, *MR9*

Optimisation and Control
PROF. F. P. KELLY
Tu. Th. 10, *MR13*

Algebraic Topology
DR O. RANDAL-WILLIAMS
Tu. Th. S. 11, *MR3*

Electrodynamics
DR A. D. CHALLINOR

Differential Geometry
PROF. P. M. H. WILSON
M. W. F. 11, *MR4*

Applied Probability
DR N. BERESTYCKI
M. W. F. 11, *MR5*

General Relativity
DR S. T. C. SIKLOS
M. W. F. 12, *MR2*

Logic and Set Theory
PROF. P. T. JOHNSTONE
Tu. Th. S. 9, *MR2*

Asymptotic Methods
PROF. A. FOKAS
Tu. Th. 9, *MR3*

Waves
PROF. J. R. LISTER
Tu. Th. S. 10, *MR3*

Number Fields
DR T. A. FISHER
Tu. Th. 10, *MR9*

Statistical Physics
DR U. SPERHAKE
Tu. Th. S. 12, *MR2*

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

Tu. Th. 11, *MR4*

Riemann Surfaces
PROF. G. P. PATERNAIN
Tu. Th. 12, *MR5*

The following courses are non-examinable

Laboratory Demonstrations in Fluid Dynamics
DR C. P. CAULFIELD
Four sessions, beginning 22 or 23 October, 2, *Fluids Laboratory*

History of Mathematical Ideas: Ancient Mathematics
DR P. BURSILL-HALL
W. F. 4, *MR3*

History of Science for Mathmos: Middle Ages to the Scientific Revolution
DR P. BURSILL-HALL
Th. 4, *MR3*

The following courses are non-examinable

History of Mathematical Ideas: Middle Ages to the Enlightenment
DR P. BURSILL-HALL
W. F. 4 *MR3*

History of Science for Mathmos: Middle Ages to the Scientific Revolution (continued)
DR P. BURSILL-HALL
Th. 4, *MR3*