

## COURSES INTENDED FOR POSTGRADUATES (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 2022

**Introduction to Modular Representation Theory**

Dr S. Martin  
M. W. 9, MR14

**Nonlinear Functional Analysis and Applications ‡**

Prof. E. S. Titi  
M. W. F. 11, MR14

**Introduction to Computational Fluid Dynamics ‡**

Dr E. Dormy  
W. F. 9, MR11

**Tensor Networks**

Dr T. Wahl  
Tu. 9, MR13 (eight lectures)

**Non-Equilibrium Statistical Field Theory**

Dr R. Garcia-Millan  
Tu. 11, MR12 (eight lectures)

**Analytic Number Theory**

Mr M. Boase  
Tu. Th. 11, MR11

## LENT 2023

**Toric Varieties**

Dr T. Gräfnitz  
Tu. Th. 9, MR11

**Bayesian Non-linear Statistical Inverse Problems**

Prof. R. Nickl  
Tu. Th. 9, MR12

**Topics in Quantum Foundations**

Dr B. Groisman  
Tu. Th. 10, MR9

**Stationary Measures for Random Walks on Homogeneous Spaces**

Dr T. Benard  
Tu. Th. 11, MR11

## EASTER 2023

**Physics Beyond the Standard Model**

Dr M. Ubiali  
M. F. 9, MR4 (eight lectures)

**Topics in Mathematics for Deep Learning**

Dr C. Esteve-Yagüe  
M. Tu. Th. F. 11, MR4

**Gravitational Waves and Numerical Relativity**

Prof. U. Sperhake  
M. Tu. Th. F. 12, MR4

**Fluid Dynamics of the Built Environment**

Dr. D. Frank, Dr R. Bhagat  
Tu. Th. 10, MR4 (eight lectures)  
First lecture on Tu 2 May

‡ These lectures will not be recorded.