

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 2024

Fluid Dynamics of Living Systems §

Prof. E. Lauga

Tu. Th. 9, *MR12*

Lent 2025

Amenability

Dr F. Fournier-Facio

W. F. 9, *MR11*

Introduction to Modular Representation Theory

Prof. S. Martin

M. W. F. 9, *MR14* (sixteen lectures)

Topology of Manifolds

Prof. O. Randal-Williams

M. W. F. 10, *MR14*

Hochschild Cohomology and Deformation Theory

Dr C. Brookes

W. F. 11, *MR14*

Radiative Processes in Astrophysical Plasma

Dr G. Del Zanna

Tu. Th. 9, *MR11*

Symplectic Topology

Dr A. Ward

Tu. Th. S. 9, *MR12*

Easter 2025

Spectral Graph Theory

Dr V. Souza

M. W. F. 11, *MR4*

Quadratic Forms

Prof. J. A. Thorne

Tu. Th. 9, *MR14*

**Canonical Gravity (Hamiltonian Approach to
General Relativity)**

Prof. M. Perry

Tu. Th. 10, *MR13*

Further Stellar Evolution

Dr A. Zytkow

Tu. Th. 12, *MR11*

**Geometric Numerical Analysis and Deep
Learning**

Mr. D. Murari

Tu. Th. 12, *MR12*

§ 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 have a SSD, should consult their College Tutor (see also paragraph 3 of the [Faculty's Statement on the Recording of Teaching Sessions](#)).