## **Honour School of Mathematical and Theoretical Physics Part C**

## SECOND PUBLIC EXAMINATION

## **Trinity Term 2025**

## **Prof Christopher Beem Chair of Examiners:** Date Start Duration Paper # Paper Name Location Day **Examination Schools** Tue 22-Apr 09:30 02:00 A15271H1 Advanced Fluid Dynamics Wed 23-Apr 09:30 03:00 A15272H1 Advanced Quantum Field Theory for Particle Physics **Examination Schools** 02:00 A18533H1 Quantum Matter **Examination Schools** Thu 24-Apr 09:30 02-Jun 09:30 01:45 A12204H1 **Elasticity and Plasticity Examination Schools** Mon Numerical Linear Algebra 02-Jun 14:30 Mon 01:45 A12221H1 **Examination Schools Applied Complex Variables** Tue 03-Jun 14:30 01:45 A12207H1 **Examination Schools** 14:30 Differentiable Manifolds Wed 04-Jun 01:45 A12196H1 **Examination Schools** 04-Jun A12206H1 14:30 **Perturbation Methods Examination Schools** Wed 01:45 05-Jun 14:30 02:00 **Examination Schools** Thu A15276H1 Cosmology Fri 06-Jun 09:30 01:45 A14687H1 Introduction to Quantum Information **Examination Schools** Fri 06-Jun 14:30 01:45 A12197H1 Algebraic Geometry **Examination Schools** Fri 06-Jun 14:30 01:45 A12213H1 Mathematical Geoscience **Examination Schools** 09-Jun 09:30 01:45 A17516H1 **Examination Schools Riemannian Geometry** Mon **Ewert House** 09-Jun 14:30 02:00 A15274H1 **Geophysical Fluid Dynamics** Mon 10-Jun 14:30 01:45 A12211H1 General Relativity I **Examination Schools** Tue 03:00 A19021H1 Field Theories and Collective Phenomena in Condensed Matter Wed 11-Jun 14:30 **Examination Schools** 09:30 A13379H1 **Topics in Fluid Mechanics Examination Schools** Thu 12-Jun 01:45 12-Jun Thu 14:30 01:45 A17489H1 Random Matrix Theory **Examination Schools** Fri 13-Jun 09:30 01:45 A12212H1 General Relativity II **Examination Schools**

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