

Honour School of Mathematics (Part C)

SECOND PUBLIC EXAMINATION

Trinity Term 2024

Chair of Examiners: Prof Jason Lotay

| Day | Date | Start | Duration | Paper # | Paper Name | Location |
|-----|--------|-------|----------|----------|--|---------------------|
| Mon | 27-May | 09:30 | 01:45 | A12192W1 | Homological Algebra | Examination Schools |
| Mon | 27-May | 14:30 | 01:45 | A12186W1 | Godel's Incompleteness Theorems | Examination Schools |
| Mon | 27-May | 14:30 | 01:45 | A12206W1 | Perturbation Methods | Examination Schools |
| Mon | 27-May | 14:30 | 01:45 | A17143W1 | Limit Theorems and Large Deviations in Probability | Examination Schools |
| Mon | 27-May | 14:30 | 03:00 | A18723W1 | Computer Vision | Examination Schools |
| Tue | 28-May | 09:30 | 01:45 | A12195W1 | Geometric Group Theory | Examination Schools |
| Tue | 28-May | 09:30 | 01:45 | A13387W1 | Analytic Number Theory | Examination Schools |
| Tue | 28-May | 09:30 | 01:45 | A14692W1 | Stochastic Analysis and Partial Differential Equations | Examination Schools |
| Tue | 28-May | 14:30 | 01:45 | A12211W1 | General Relativity I | Examination Schools |
| Tue | 28-May | 14:30 | 01:45 | A12220W1 | Probabilistic Combinatorics | Examination Schools |
| Tue | 28-May | 14:30 | 01:45 | A14691W1 | Non-Commutative Rings | Examination Schools |
| Tue | 28-May | 14:30 | 01:45 | A17515W1 | Optimal Transport and Partial Differential Equations | Examination Schools |
| Wed | 29-May | 09:30 | 01:45 | A12213W1 | Mathematical Geoscience | Examination Schools |
| Wed | 29-May | 09:30 | 01:45 | A12217W1 | Stochastic Differential Equations | Examination Schools |
| Wed | 29-May | 14:30 | 01:45 | A12193W1 | Infinite Groups | Examination Schools |
| Wed | 29-May | 14:30 | 01:45 | A12197W1 | Algebraic Geometry | Examination Schools |
| Wed | 29-May | 14:30 | 01:45 | A12212W1 | General Relativity II | Examination Schools |
| Wed | 29-May | 14:30 | 01:45 | A15682W1 | Bayes Methods | Examination Schools |
| Thu | 30-May | 09:30 | 01:45 | A12196W1 | Differentiable Manifolds | Examination Schools |
| Thu | 30-May | 09:30 | 01:45 | A12214W1 | Mathematical Physiology | Examination Schools |
| Thu | 30-May | 14:30 | 01:45 | A12188W1 | Axiomatic Set Theory | Examination Schools |
| Thu | 30-May | 14:30 | 01:45 | A12215W1 | Modular Forms | Examination Schools |
| Thu | 30-May | 14:30 | 01:45 | A16047W1 | Advanced Topics in Statistical Machine Learning | Examination Schools |
| Fri | 31-May | 09:30 | 01:45 | A12207W1 | Applied Complex Variables | Examination Schools |
| Fri | 31-May | 09:30 | 01:45 | A12216W1 | Elliptic Curves | Examination Schools |
| Fri | 31-May | 14:30 | 01:45 | A12185W1 | Model Theory | Examination Schools |
| Fri | 31-May | 14:30 | 01:45 | A14687W1 | Introduction to Quantum Information | Examination Schools |
| Fri | 31-May | 14:30 | 01:45 | A14690W1 | Functional Analytic Methods for Partial Differential Equations | Examination Schools |
| Mon | 03-Jun | 09:30 | 01:45 | A15254W1 | Category Theory | Examination Schools |
| Mon | 03-Jun | 14:30 | 01:45 | A12237W1 | Stochastic Models in Mathematical Genetics | Examination Schools |
| Mon | 03-Jun | 14:30 | 01:45 | A16716W1 | Further Functional Analysis | Examination Schools |
| Tue | 04-Jun | 09:30 | 01:45 | A12187W1 | Analytic Topology | Examination Schools |
| Tue | 04-Jun | 14:30 | 01:45 | A12198W1 | Lie Groups | Examination Schools |
| Tue | 04-Jun | 14:30 | 01:45 | A12239W1 | Advanced Simulation Methods | Examination Schools |
| Tue | 04-Jun | 14:30 | 01:45 | A13379W1 | Topics in Fluid Mechanics | Examination Schools |

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|-----|--------|-------|----------|----------|--|---------------------|
| Tue | 04-Jun | 14:30 | 03:00 | A14681W1 | Probability and Computing | Examination Schools |
| Wed | 05-Jun | 09:30 | 01:45 | A13386W1 | Mathematical Mechanical Biology | Examination Schools |
| Wed | 05-Jun | 09:30 | 01:45 | A17126W1 | Probability on Graphs and Lattices | Examination Schools |
| Wed | 05-Jun | 09:30 | 01:45 | A17516W1 | Riemannian Geometry | Examination Schools |
| Wed | 05-Jun | 14:30 | 01:45 | A00603W1 | Representation Theory of Semisimple Lie Algebras | Examination Schools |
| Wed | 05-Jun | 14:30 | 01:45 | A12222W1 | Continuous Optimisation | Examination Schools |
| Thu | 06-Jun | 09:30 | 01:45 | A12194W1 | Algebraic Topology | Examination Schools |
| Thu | 06-Jun | 09:30 | 01:45 | A17489W1 | Random Matrix Theory | Examination Schools |
| Thu | 06-Jun | 14:30 | 01:45 | A12201W1 | Fixed Point Methods for Non-linear PDEs | Examination Schools |
| Thu | 06-Jun | 14:30 | 01:45 | A12204W1 | Elasticity and Plasticity | Examination Schools |
| Thu | 06-Jun | 14:30 | 01:45 | A13388W1 | Combinatorics | Examination Schools |
| Fri | 07-Jun | 09:30 | 01:45 | A12238W1 | Probability and Statistics for Network Analysis | Examination Schools |
| Fri | 07-Jun | 09:30 | 01:45 | A17942W1 | Additive Combinatorics | Examination Schools |
| Fri | 07-Jun | 09:30 | 01:45 | A17943W1 | Low-Dimensional Topology and Knot Theory | Examination Schools |
| Fri | 07-Jun | 14:30 | 01:45 | A12221W1 | Numerical Linear Algebra | Examination Schools |
| Fri | 07-Jun | 14:30 | 01:45 | A13384W1 | Hyperbolic Equations | Examination Schools |
| Fri | 07-Jun | 14:30 | 01:45 | A15253W1 | Introduction to Schemes | Examination Schools |