#### Trinity 2025: Part C Consultation Sessions

# C1.1 Model theory

Revision Lecture Jochen Koenigsmann

Thursday Week 2, 08/05/2025, 10:00, Room L1

Consultation Session 1 Jochen Koenigsmann

Thursday Week 4, 22/05/2025, 10:00, Room L6

C1.2 Gödel Incompleteness Theorems

Revision Lecture Robin Knight

Wednesday Week 2, 07/05/2025, 12:00, Room L3

Consultation Session 1 Robin Knight

Wednesday Week 4, 21/05/2025, 14:00, Room L5

C1.3 Analytic Topology

Revision Lecture Rolf Suabedissen

Thursday Week 2, 08/05/2025, 09:00, Room L6

Consultation Session 1 Rolf Suabedissen

Thursday Week 4, 22/05/2025, 09:00, Room L6

C1.4 Axiomatic Set Theory

Revision Lecture Robin Knight

Wednesday Week 1, 30/04/2025, 14:00, Room L3

Consultation Session 1 Robin Knight

Wednesday Week 3, 14/05/2025, 14:00, Room L6

C2.2 Homological Algebra Revision Lecture

Kobi Kremnitzer

## Monday Week 3, 12/05/2025, 10:00, Room L5 Consultation Session 1 Tim Hosgood

Tuesday Week 3, 13/05/2025, 14:00, Room C5

C2.4 Infinite Groups

Revision Lecture Cornelia Drutu

Thursday Week 3, 15/05/2025, 14:00, Room C2

Consultation Session 1 Naomi Andrew

Wednesday Week 4, 21/05/2025, 12:00, Room C2

C2.5 Non-commutative Rings

Revision Lecture Nikolay Nikolov

Tuesday Week 2, 06/05/2025, 10:00, Room C1

Consultation Session 1 Nikolay Nikolov

Tuesday Week 4, 20/05/2025, 10:00, Room C2

C2.7 Category Theory

Revision Lecture Lukas Brantner

Thursday Week 2, 08/05/2025, 11:00, Room L1

Consultation Session 1 Tim Hosgood

Tuesday Week 3, 13/05/2025, 11:00, Room C5 Consultation Session 2 Tim Hosgood

Wednesday Week 3, 14/05/2025, 11:00, Room C2

C3.1 Algebraic Topology

Revision Lecture Andre Henriques

Friday Week 2, 09/05/2025, 11:00, Room L4

**Consultation Session 1** 

Andre Henriques

Tuesday Week 3, 13/05/2025, 10:00, Room L4

Consultation Session 2

Andre Henriques

Tuesday Week 3, 13/05/2025, 11:00, Room L4

C3.2 Geometric Group Theory

Revision Lecture Cornelia Drutu

Thursday Week 3, 15/05/2025, 16:00, Room C5

Consultation Session 1 Joseph MacManus

Thursday Week 4, 22/05/2025, 16:00, Room C5

C3.3 Differentiable Manifolds

Revision Lecture Dominic Joyce

Thursday Week 2, 08/05/2025, 11:00, Room L5 Consultation Session 1

Dominic Joyce

Thursday Week 5, 29/05/2025, 11:00, Room L5

C3.4 Algebraic Geometry

Revision Lecture Damian Rossler

Wednesday Week 2, 07/05/2025, 15:00, Room L4 Consultation Session 1

Damian Rössler

Wednesday Week 2, 07/05/2025, 14:00, Room L4

C3.5 Lie Groups

Revision Lecture Jason Lotay

Wednesday Week 2, 07/05/2025, 14:30, Room C2

Consultation Session 1 Carlos Ochoa Wednesday Week 4, 21/05/2025, 14:30, Room L2

#### C3.6 Modular Forms

Revision Lecture Alan Lauder

Friday Week 2, 09/05/2025, 09:00, Room L6

Consultation Session 1 Alan Lauder

Tuesday Week 4, 20/05/2025, 09:00, Room C1

C3.7 Elliptic Curves

Revision Lecture James Newton

Tuesday Week 3, 13/05/2025, 12:00, Room L6

Consultation Session 1 James Newton

Tuesday Week 5, 27/05/2025, 12:00, Room C1

C3.8 Analytic Number Theory

Revision Lecture Ben Green

Friday Week 2, 09/05/2025, 10:00, Room L6 Consultation Session 1

Ben Green

Tuesday Week 4, 20/05/2025, 11:00, Room C4

C3.10 Additive Combinatorics Revision Lecture Ben Green

Thursday Week 2, 08/05/2025, 10:00, Room L6

Consultation Session 1 Ben Green

Tuesday Week 4, 20/05/2025, 10:00, Room C4

C3.11 Riemannian Geometry

Revision Lecture Andrew Dancer

# Tuesday Week 2, 06/05/2025, 09:00, Room L5 Consultation Session 1 Andrew Dancer

Wednesday Week 3, 14/05/2025, 09:00, Room L6

C3.12 Low-Dimensional Topology

Revision Lecture Andras Juhasz

Tuesday Week 2, 06/05/2025, 14:00, Room C1

Consultation Session 1 Andras Juhasz

Wednesday Week 4, 21/05/2025, 11:00, Room C1

C4.1 Further Functional Analysis

Revision Lecture Yurij Salmaniw

Wednesday Week 3, 14/05/2025, 13:00, Room L4

Consultation Session 1 Yurij Salmaniw

Wednesday Week 4, 21/05/2025, 13:00, Room L4

C4.3 Functional Analytic Methods for PDEs

Revision Lecture Sebastian Woodward

Tuesday Week 1, 29/04/2025, 12:00, Room L6

Consultation Session 1 Sebastian Woodward

Tuesday Week 4, 20/05/2025, 12:00, Room L6

C4.6 Fixed Point Methods for Nonlinear PDEs

Revision Lecture Luc Nguyen

Friday Week 2, 09/05/2025, 10:00, Room C1

Consultation Session 1 Luc Nguyen

Friday Week 4, 23/05/2025, 10:00, Room C1

#### C4.9 Optimal Transport & Partial Differential Equations

Revision Lecture Jose Carrillo

Wednesday Week 3, 14/05/2025, 12:00, Room C1

Consultation Session 1

Shuchen Guo

Friday Week 3, 16/05/2025, 12:00, Room C1

C5.1 Solid Mechanics

Revision Lecture Alain Goriely

Friday Week 3, 16/05/2025, 11:00, Room L6

Consultation Session 1 Javier Chico

Wednesday Week 2, 07/05/2025, 11:00, Room C3

C5.2 Elasticity and Plasticity

Revision Lecture James Oliver

Thursday Week 3, 15/05/2025, 11:00, Room C1

Consultation Session 1 James Oliver

Thursday Week 5, 29/05/2025, 11:00, Room C1

**C5.5** Perturbation Methods

Revision Lecture Ruth Baker

Tuesday Week 2, 06/05/2025, 09:00, Room L4

Consultation Session 1 Mohit Dalwadi

Wednesday Week 2, 07/05/2025, 17:00, Room C3

Consultation Session 1 Javier Chico

Monday Week 3, 12/05/2025, 10:00, Room C2

C5.6 Applied Complex Variables

## Revision Lecture Jon Chapman

## Wednesday Week 2, 07/05/2025, 14:00, Room L5

Consultation Session 1 Jon Chapman

Tuesday Week 3, 13/05/2025, 10:00, Room L6

C5.7 Topics in Fluid Mechanics

Revision Lecture Eamonn Gaffney

Tuesday Week 2, 06/05/2025, 12:00, Room L6

Consultation Session 1

Eamonn Gaffney

Tuesday Week 3, 13/05/2025, 11:00, Room L6

C5.11 Mathematical Geoscience

Revision Lecture Ian Hewitt

Tuesday Week 2, 06/05/2025, 14:00, Room L5

Consultation Session 1

Ian Hewitt

Tuesday Week 3, 13/05/2025, 14:00, Room C2

C5.12 Mathematical Physiology

Revision Lecture Ian Griffiths

Friday Week 2, 09/05/2025, 10:00, Room TCC VC

Consultation Session 1 Ian Griffiths

Friday Week 4, 23/05/2025, 10:00, Room L6

C6.1 Numerical Linear Algebra

Revision Lecture Yuji Nakatsukasa

Thursday Week 2, 08/05/2025, 16:00, Room L2

Consultation Session 1

Ryan Tang

# Tuesday Week 3, 13/05/2025, 11:00, Room C4 Consultation Session 2 Yuji Nakatsukasa

Thursday Week 3, 15/05/2025, 11:00, Room L4

C6.2 Continuous Optimization

Revision Lecture Coralia Cartis

Wednesday Week 2, 07/05/2025, 11:00, Room L1

Consultation Session 1 Coralia Cartis

Monday Week 4, 19/05/2025, 11:30, Room L3

C6.4 Finite Element Method for PDEs

Revision Lecture Endre Suli

Tuesday Week 3, 13/05/2025, 10:00, Room C1

Consultation Session 1 Endre Suli

Tuesday Week 4, 20/05/2025, 10:00, Room C1

C7.4 Introduction to Quantum Information

Revision Lecture Artur Ekert

Tuesday Week 2, 06/05/2025, 11:30, Room L4 (Tim Hosgood) Consultation Session 1

Tenzan Araki

Tuesday Week 3, 13/05/2025, 11:00, Room C1

C7.5 General Relativity I

Revision Lecture Christopher Couzens

Monday Week 2, 05/05/2025, 10:00, Room L3

Consultation Session 1 Chris Couzens

Thursday Week 2, 08/05/2025, 14:00, Room L4

## Consultation Session 2 Chris Couzens

# Thursday Week 2, 08/05/2025, 15:00, Room L4

C7.6 General Relativity II

# Revision Lecture Christopher Couzens

Wednesday Week 2, 07/05/2025, 10:00, Room L5

Consultation Session 1 Chris Couzens

Friday Week 2, 09/05/2025, 14:00, Room L5

**C7.7 Random Matrix Theory** 

Revision Lecture Louis-Pierre Arguin

Tuesday Week 2, 06/05/2025, 10:00, Room L5

Consultation Session 1 Louis-Pierre Arguin

Tuesday Week 3, 13/05/2025, 10:00, Room L5

Consultation Session 2

Louis-Pierre Arguin

Tuesday Week 4, 20/05/2025, 10:00, Room L5

**C8.1 Stochastic Differential Equations** 

Revision Lecture Massimiliano Gubinelli

Wednesday Week 2, 07/05/2025, 15:00, Room L6

Consultation Session 1 Massimiliano Gubinelli

Wednesday Week 4, 21/05/2025, 09:00, Room L5

C8.2 Stochastic Analysis and PDEs

Revision Lecture Harald Oberhauser

Monday Week 2, 05/05/2025, 11:00, Room L6

Consultation Session 1 Harald Oberhauser

## Monday Week 3, 12/05/2025, 13:00, Room L5

**C8.3** Combinatorics

Revision Lecture Alexander Scott

Thursday Week 2, 08/05/2025, 09:00, Room L3

Consultation Session 1 Alex Scott

Thursday Week 3, 15/05/2025, 09:00, Room L5 Consultation Session 2

Alex Scott

Friday Week 3, 16/05/2025, 09:00, Room L6

C8.4 Probabilistic Combinatorics
Revision Lecture
Oliver Riordan
Friday Week 3, 16/05/2025, 11:00, Room L4
Consultation Session 1
Oliver Riordan
Friday Week 4, 23/05/2025, 11:00, Room L4
Consultation Session 2
Oliver Riordan

Wednesday Week 5, 28/05/2025, 12:00, Room L4

**C8.7 Optimal Control** 

Revision Lecture Sam Cohen

Monday Week 3, 12/05/2025, 10:00, Room L4

Consultation Session 1 Sam Cohen

Friday Week 4, 23/05/2025, 15:00, Room L5