

Trinity 2024: Part C Consultation Sessions

C1.1 Model Theory

Revision Lecture
Jochen Koeingsman

Thursday Week 2, 2nd May, 9:00 am

Consultation Session 1
Jochen Koeingsman

Thursday Week 4, 16th May, 10:00 am, C1

C1.2 Gödel's Incompleteness Theorems

Revision Lecture
Wojciech Woloszyn

Monday Week 5, 20th May, 12:15 pm, Room L1

Consultation Session 1
Wojciech Woloszyn

Friday Week 5, 24th May, 12:15 pm, Room L1

C1.3 Analytic Topology

Revision Lecture
Jinhe Ye

Wednesday Week 2, 1st May, 3:00 - 4:00 pm, Room L3

Consultation Session 1
Jinhe Ye

Friday Week 4, 17th May, 3:00 - 4:00 pm, Room L6

C1.4 Axiomatic Set Theory

Revision Lecture
Wojciech Woloszyn

Friday Week 3, 10th May, 12:15 pm, Room L2

Consultation Session 1
Wojciech Woloszyn

Wednesday Week 5, 22nd May, 12:15 pm, Room L1

C2.2 Homological Algebra

Revision Lecture
Tim Hosgood

Monday Week 2, 29th April, 1:30 pm, Room L6

Consultation Session 1
Tim Hosgood

Tuesday Week 3, 7th May, 3:00 pm, Room C3

C2.3 Representation Theory of Semi simple Lie Algebras

Revision Lecture and Consultation Session 1
André Henriques

Friday Week 4, 17th May, 14:00-16:00, Room C2

C2.4 Infinite Groups

Revision Lecture
Naomi Andrew

Tuesday Week 3, 7th May, 10:30 am, C1

Consultation Session 1
Naomi Andrew

Friday Week 4, 17th May, 11:00 am, C1

C2.5 Non-Commutative Rings

Revision Lecture
Nikolay Nikolov

Monday Week 3, 6th May, 11:00 am, Room C1

Consultation Session 1
Nikolay Nikolov

Monday Week 5, 20th May, 10:00 am, Room C1

C2.6 Introduction to Schemes

<p>Revision Lecture Maria Yakerson</p> <p>Tuesday Week 3, 7th May, 5:00 pm, Room C3</p>
<p>Consultation Session 1 Arun Soor</p> <p>Friday Week 4, 17th May, 10:00-12:00, Room C5</p>

C2.7 Category Theory
<p>Revision Lecture Dan Ciubotaru</p> <p>Tuesday Week 3, 7th May, 11:00 am, Room L3</p>
<p>Consultation Session 1 Dan Ciubotaru</p> <p>Tuesday Week 5, 21st May, 9:30 am, Room L4</p>

C3.1 Algebraic Topology
<p>Revision Lecture Sungkyung Kang</p> <p>Tuesday Week 2, 30th April, 3:00 - 4:00 pm, Room L3</p>
<p>Consultation Session 1 Tim Hosgood</p> <p>Wednesday Week 2, 1st May, 10:30 am, Room C3</p>

C3.2 Geometric Group Theory
<p>Revision Lecture Naomi Andrew</p> <p>Thursday Week 3, 9th May, 2:30 pm, C3</p>
<p>Consultation Session 1 Naomi Andrew</p> <p>Tuesday Week 5, 21st May, 10:30 am, C1</p>

C3.3 Differentiable Manifolds

<p>Revision Lecture Dominic Joyce</p> <p>Thursday Week 2, 2nd May, 2:00 pm, Room L5</p>
<p>Consultation Session 1 Thibault Langlais</p> <p>Tuesday Week 3, 7th May, 9:30 am, Room L5</p>
<p>Consultation Session 2 Dominic Joyce</p> <p>Thursday Week 4, 16th May, 14:00 – 15:00pm, Room L5</p>

C3.4 Algebraic Geometry
<p>Revision Lecture Tim Hosgood</p> <p>Thursday Week 2, 2nd May, 12:00 pm, Room L4</p>
<p>Consultation Session 1 Tim Hosgood</p> <p>Friday Week 2, 3rd May, 10:30 am, Room C3</p>

C3.5 Lie Groups
<p>Revision Lecture Carlos Ochoa Flores</p> <p>Tuesday Week 3, 7th May, 3:30 - 4:30 pm, Room L4</p>
<p>Consultation Session 1 Carlos Ochoa Flores</p> <p>Tuesday Week 4, 14th May, 3:30 - 4:30 pm, Room L5</p>

C3.6 Modular Forms
<p>Revision Lecture Alan Lauder</p> <p>Tuesday Week 2, 30th April, 10:00 - 11:00 am, Room C1</p>
<p>Consultation Session 1 Alan Lauder</p>

Tuesday Week 4, 14th May, 10:00 - 11:00 am, Room C1

C3.7 Elliptic Curves

Revision Lecture
James Newton

Wednesday Week 3, 8th May, 3:00 - 4:00 pm, Room L4

Consultation Session 1
James Newton

Wednesday Week 5, 22nd May, 3:00 - 4:00 pm, Room L4

C3.8 Analytic Number Theory

Revision Lecture

TBD – James Maynard? (Paper setter)

Consultation Session 1
Cedric Pilatte

Monday Week 3, 6th May, 9:00 am, Room L4

C3.10 Additive Combinatorics

Revision Lecture
Thomas Bloom

Monday Week 1, 22th April, 10:00 am, Room L3

Consultation Session 1
Cedric Pilatte

Monday Week 2, 29th April, 9:00 am, Room L4

C3.11 Riemannian Geometry

Revision Lecture
Thibault Langlais

Tuesday Week 2, 30th April, 9:30 - 10:30 am, Room L5

Consultation Session 1
Thibault Langlais

Tuesday Week 4, 14th May, 9:30 - 10:30 am, Room L5

C3.12 Low-Dimensional Topology and Knot Theory

Revision Lecture
Sungkyung Kang

Friday Week 2, 3rd May, 2:00 - 3:00 pm, Room C3

Consultation Session 1
Sungkyung Kang

Friday Week 2, 3rd May, 3:00 - 4:00 pm, Room C3

C4.1 Further Functional Analysis

Revision Lecture
Daniel Drimbe

Thursday Week 3, 9th May, 1:00 pm, Room L2

Consultation Session 1
Daniel Drimbe

Thursday Week 4, 16th May, 1:00 pm, Room L2

C4.3 Functional Analytic Methods for Partial Differential Equations

Revision Lecture
Luc Nguyen

Thursday Week 3, 9th May, 10:00 am - 12:00 pm, Room L6

Consultation Session 1
Luc Nguyen

Thursday Week 3, 9th May, 10:00 am - 12:00 pm, Room L6

C4.4 Hyperbolic Equations

Revision Lecture
Immanuel Ben Porat

TBD

Consultation Session 1
Isaac Newell

TBD

C4.6 Fixed Point Methods for Non-linear PDEs

Revision Lecture
Andrew Mcleod

Friday Week 2, 3rd May, 9:30 - 10:30 am, Room L4

Consultation Session 1
Andrew Mcleod

Friday Week 3, 10th May, 9:30 - 10:30 am, Room L4

C4.9 Optimal Transport and Partial Differential Equations

Revision Lecture
Shuchen Guo

Thursday Week 3, 9th May, 9:00 – 11:00am, Room C4

Consultation Session 1
Shuchen Guo

Thursday Week 4, 16th May, 9:00 – 11:00am, Room C4

C5.11 Mathematical Geoscience

Revision Lecture
Ian Hewitt

Wednesday Week 2, 1st May, 10:00 am, Room L6

Consultation Session 1
Ian Hewitt

Wednesday Week 3, 8th May, 10:00 am, Room L6

C5.12 Mathematical Physiology

Revision Lecture
Eamonn Gaffney

Wednesday Week 3, 8th May, 11:00 am, Room L5

Consultation Session 1

Eamonn Gaffney

Friday Week 3, 10th May, 1:00 pm, Room L5

C5.2 Elasticity and Plasticity

Consultation Session 1

Jim Oliver

Friday Week 3, 10th May, 9:00 - 10:00 am, C1

Consultation Session 2

Jim Oliver

Friday Week 5, 24th May, 9:30 - 10:30 am, C1

C5.5 Perturbation Methods

Revision Lecture

Ruth Baker

Thursday Week 3, 9th May, 2:00 - 3:00 pm, Room L5

Consultation Session 1

Ruth Baker

Thursday Week 5, 23rd May, 2:00 - 3:00 pm, Room L5

Consultation Session 2

Jon Chapman

Wednesday Week 4, 15th May, 12:00 pm, Room L6

C5.6 Applied Complex Variables

Revision Lecture

Jon Chapman

Tuesday Week 3, 7th May, 10:00 am, Room L6

Consultation Session 1

Jon Chapman

Thursday Week 4, 16th May, 10:00 am, Room L6

C5.7 Topics in Fluid Mechanics

Revision Lecture

<p>Eamonn Gaffney</p> <p>Wednesday Week 2, 1st May, 11:00 am, Room L5</p>
<p>Consultation Session 1</p> <p>Eamonn Gaffney</p> <p>Friday Week 2, 3rd May, 11:00 am, Room L5</p>

C5.9 Mathematical Mechanical Biology
<p>Revision Lecture</p> <p>Derek Moulton</p> <p>Thursday Week 3, 9th May</p>
<p>Consultation Session 1</p> <p>Derek Moulton</p> <p>Thursday Week 4, 16th May, 11:00-12:30, Room L4</p>

C6.1 Numerical Linear Algebra
<p>Revision Lecture</p> <p>Taejun Park</p> <p>Wednesday Week 3, 8th May, 2:00 - 3:00 pm, Room L6</p>
<p>Consultation Session 1</p> <p>Taejun Park</p> <p>Wednesday Week 5, 22nd May, 2:00 -3:00 pm, Room L6</p>

C6.2 Continuous Optimisation
<p>Revision Lecture</p> <p>Coralia Cartis</p> <p>Monday Week 4, 13th May, 10:00 – 11:30 am, Room L2</p>
<p>Consultation Session 1</p> <p>Coralia Cartis</p> <p>Tuesday Week 4, 14th May, 9:00 – 10:00 am, Room L6</p>
<p>Consultation Session 2</p> <p>Coralia Cartis</p> <p>Thursday Week 4, 16th May, 11:00 am – 12:00 pm, Room L2</p>

C7.4 Introduction to Quantum Information

Revision Lecture
Tim Hosgood

Tuesday Week 2, 30th April, 4:00 pm, Room L4

Consultation Session 1
Tim Hosgood

Monday Week 3, 6th May, 2:00 pm, Room C3

Consultation Session 2
Tim Hosgood

Wednesday Week 3, 8th May, 10:30 am, Room C3

C7.5 General Relativity I

Revision Lecture
Chris Couzens

Wednesday Week 2, 1st May, 17:00-18:00pm, Room L1

Consultation Session 1
Chris Couzens

Wednesday Week 3, 8th May, 11:00-12:30, Room L1

Consultation Session 2
Chris Couzens

Wednesday Week 4, 15th May, 11:30-13:00, Room L1

C7.6 General Relativity II

Revision Lecture
Chris Couzens

Thursday Week 2, 2nd May, 12:00-13:00, Room L1

Consultation Session 1

Chris Couzens Thursday Week 3, 9th May, 12:30-14:00, Room L3
Consultation Session 2 Chris Couzens Thursday Week 4, 16th May, 11:30-13:00, Room L1

C7.7 Random Matrix Theory
Revision Lecture Louis Pierre Arguin Tuesday Week 2, 30th April, 11:00 am - 12:00 pm, Room L4
Consultation Session 1 Louis Pierre Arguin Tuesday Week 3, 7th May, 11:00 am - 12:00 pm, Room L4
Consultation Session 2 Louis Pierre Arguin Tuesday Week 4, 14th May, 11:00 am - 12:00 pm, Room L4

C8.1 Stochastic Differential Equations
Revision Lecture Massimiliano Gubinelli Tuesday Week 4, May 14 th , 09:00-10:30, Room C6
Consultation Session 1 Massimiliano Gubinelli Friday Week 4, May 17 th , 09:30-11:30, Room C6

C8.2 Stochastic Analysis and Partial Differential Equations
Revision Lecture TBD – Harald Oberhauser? (Paper setter)

<p>Consultation Session 1</p> <p>TBD - Harald Oberhauser? (Paper setter)</p>

C8.3 Combinatorics
<p>Revision Lecture</p> <p>TBD – Gal Kronenberg? (Paper setter)</p>
<p>Consultation Session 1</p> <p>TBD - Gal Kronenberg? (Paper setter)</p>
<p>Consultation Session 2</p> <p>TBD - Gal Kronenberg? (Paper setter)</p>

C8.4 Probabilistic Combinatorics
<p>Revision Lecture</p> <p>Oliver Riordan</p> <p>Tuesday Week 4, 14th May, 12:00 pm, Room L4</p>
<p>Consultation Session 1</p> <p>Oliver Riordan</p> <p>Monday Week 5, 20th May, 11:00 am, Room L4</p>

C8.6 Limit Theorems and Large Deviations in Probability
<p>Revision Lecture</p> <p>Zhongmin Qian</p> <p>Tuesday Week 2, 30th April, 10:00 am, Room C5</p>
<p>Consultation Session 1</p> <p>Zhongmin Qian</p> <p>Tuesday Week 3, 7th May, 10:00 am, Room C5</p>